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Contents For April
Off on a Comet-or Hector Servade

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By H. G. Wells
The Man From the Asom

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The Thing From—Outside
By George Allen England

The Man Who Saved the Earth
By dwitte Hall
The Facts in the Case of Mr. Valdemar
By Edger Allen Pee

OUR COVER

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COPTEMENT ACKNOWLEDGMENT
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In Our Next Issue:

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April, 1926 No. 1.

HUGO GERNSBACK, F.R.S., Editor DR. T. O'CONOR SLOANE, M.A., Ph.D.; Menoging Editor

Editorial and General Offices 53 Park Place, New York, N. Y.

Extravagant Fiction Today - - - - Gold Fact Tomorrow

A NEW SORT OF MAGAZINE

By HUGO GERNSBACK, P.R.

NOTHER factors messation.

At fairst thought if does seem proposition of the thought if does seem proposition of the thought is does seem proposition. The restor was well exceed "Area" the content was well exceed "Area" the management of the theory of the thought in the theory of t

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set with the ever increasing accusate on at for this sert of story, and more of it, there was only one thirs to do--publish a magnatic in which the scientific strice type of story will had feeth exclusively. Toward that end we have hid elaborate plans, sparing seither time are morey. Edgar Alian Poe may well be called the father of

"mentifiction." It was he who really originated his macross, queries y sample file and arous I list stary, arounders, queries y sample file and arous I list stary, arounders, placed y sample file and arous I list star years. I sample file a file of the sample file and a sample file and are as a sample file and around the sample file and a sample file a

It is in those situations that the new romancers find their great inspiration. Net only do these amazing takes make trempedensby internating reading—they are also shown instructive. They supply knowledge that we might not otherwise obtain—and they sumb; it is a very real-

at all form. For the last of those motors weiters of constitition have been stored or impartial knowledge of the last of last of the last of last of the last of l

We who are publishing Axxanso Storous realize the great responsibility of this undertaking, and will spars no energy in presenting to you, each month, the very bast of this sort of literature there is to cifer.

Exclusive arrangements have already been made with the copyright holders of the crific voluminous

works of ALL of Jakes Vernis immertal stories, Many of these rotices are not known to the preced American policy set. For the first time they will be STORIES, A number of German, French and English stories of inte kind by the bost wedgers in their row, and we hope very shortly to be able to enlarge the magazine and in that way present always more manflew good this measures will be in the future its

up to you. Read AMARING STORMS—get your friends to read it and then write on what you think of St. We will welcome constructive cretteless—for only in this way will we know how to existly you.



Introduction to the Story

MONG as some gleatier and artists take of our cancer, it is difficult to give a specific of our cancer to the second to the second to the second to the second the creat the creat. Yet, creatishly, even mind Verma's mant recombined sowies, in "Off on a Convel" must be given high rank. Perhaps this conforts have been solltered by centrates of the offerts have been solltered to generate of the offerts have been solltered to generate of the cancer there as Purvale, no one has yet opsaled or corn approached it.

Convel" shows a contract contract to the contract to the contract to Verma's careful relate. Note only done it.

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here abandons his usual servendonsia selectific at-

titude sod given his firms frever role. In order that may esert us at Drough the depth of cinusasurable pract, is also as robot attractory really known and to pract, is also as robot attractory really known and the pract, is also as robot attractory really known for the property free that the property free property

thie remarkable somersault. These events all belong to the reales of fairwined. If the situation were reproduced in actuality, if ener a count should come into collision with the earth are can convering two arientifically possible results. If the course were of each attenuation, such placest in Suiterined seems as come of these relacted wenderers seem to be, we can imagine our earth selfprotective and possibly upharmed. If, on the other

kend, the ecceet had even a kundredth part of the nize and solidity and weight which Verse confers upon his moneter so as to give his travelers a homeon that care the callision spould be unanenkably dis-

astrono-executable to the unlooks individuals who occupied the exact point of contact But once manted the initial and the election extravogence, the departure and return of his charactern, the plake and oness of his tale, how closely the

bilities of the aniverse beword our surth, the petual knowledge so hard wen by our astronomers! Other authors who, since Verne, have fold of trips through the planetary and stellar universe know more free rain to fancy, to drazzes of what might be found Verse has endoappred to impart only what to known In the same wear with "Off on a Comet," 1877, was published also the tale variously named and traus-

lated or "The Block Indies," "The Underground City," and "The Child of the Covern," This story, like "Round the World in Eighty Days" was first inssed in "fewillston" by the nated Ports neuvroner "Le Terene." Its success did not equal that of its predecessor in this etwic. Some critics indeed have pointed to this work as marking the beginning of a decline in the author's power of auchine interest. Many of his best works were, knowner, still to fellen.

Off On a Comet Or Hector Servadae By JULES VERNE Rook I

CHAPTER I

A CHALLSNEE MOTHING, sir, can induce me to surrender

"I am sorry, count, but in such a matter your views campet modify mixe." "But allow me to point out that my rentarity uncuretionably gives me a rejor right."

"Mere seniority, I assert, in an affair of this kind, carmet possibly extitle you to any price claim what-"Then, exotain, no alternative in left but for meto commel you to yield at the award's point."

"As you please, count; but neither sword nor nistel can force me to forure my protensions. Here in my card." "And mine." This rapid alterestion was thus brought to an end by the formal interchange of the names of the

disretants. On one of the sands was inscribed: Castnin Hector Servados. Staff Officer, Mostapanen.

Count Wassill Timusched. On board the Schooner "Dabruma." It did not take long to arrange that recends should be appointed, who would meet in Mortagnnon at two c'clock that day; and the captain and

other, with a salute of punctillious courtesy, when Timescheff, as if struck by a sudden thrught, said alouptly: "Perhaps it would be better, captain, "Far better," replied Servadae; "it is undesimble in every way for any sames to be mentioned." 'In that case, however," continued the count, "it will be necessary to assists an extensible protest of some kind. Shall we ollege a musical disputsa contention in which I feel bound to defend Wagper, while you are the resions champion of Rossini?"

"I am quite content," answered Servadac, with a smile; and with another low low they metal. The scene as here depleted, took pince upon the extremity of a little expe on the Algerian coast, between Mostaganem and Tenes, about two miles from the mouth of the Shelif. The headland rose

more than sixty feet above the sea-level, and the soure waters of the Mediterranean, as they coftly kined the strend, were tinged with the reddish has of the ferriferous rocks that formed its base, was the Slat of December. The mountide sun, which usually illuminated the various projections of the coast with a dazzling brightness, was hidden by a dense mass of cloud, and the feg, which for some unaccountable cause, had hung for the last two

months over nearly every region in the world, cane, ing serious interruption to traffic between continent and continent, ground its dream well across land

After taking leave of the staff-officer, Count Wassili Timescheff wended his way down to a small creek, and took his seat in the atern of a light four-our that had been awaiting his return; this was immediately pushed off from shore, and was

soon alongside a pleasure-yealst, that was lying to At a sign from Servadas, an orderly, who had been standing at a respectful dictages, led forward a magnificent Arabian horse; the captain vanited

into the saddle, and followed by his attendent, well mounted as himself, started off towards Mostararron. It was half-roat twelve when the two riders crossed the bridge that had been recently erected over the Shelif, and a quarter of an hour later their steeds, flecked with form, dashed through the Muscare ficts, which was one of flys entrances opered in the embattled wall that engireled the town. At that date, Mestaganem contained about fifteen thousand inhabitants, three thousand of whom were French. Besides being one of the principal

district towns of the province of Oran, it was also a military station. Mostaganem rejoiced in a wellsheltered harbor, which enabled it to utilize all the rich products of the Mina and the Lower Shelif, It was the existence of so good a harbor amidst the exposed cliffs of this court that had induced the owner of the Dobross to winter in these parts, and for two months the Russian standard had been seen facting from her yard, whilst on her most-head was haisted the necessary of the French Yaght Clob, with

the distinctive letters M. C. W. T., the initials of Having entered the town, Captain Servadan made his way towards Matmore, the military courter, and was not long in finding two friends on whom he might rely-a major of the 2nd Fusileers, and a contain of the 8th Artiflery. The two officers listened gravely enough to Servadae's request that they would get us his seconds in an affair of honor, but

could not rexist a smile on hearing that the dirrets between him and the count had originated in a mpmight be easily arranged; a few slight correspions on either side, and all might be amicably adjusted. But no representations on their part were of any avail. Hector Servadae was inflexible.

"No concession is possible," he replied, resolutely, "Rossini has been deeply injured, and I eaunot suffor the injury to be unaverged. Wagner is a fool. I shall keep my word. I am quite firm." "Be it so, then," replied one of the offeres; "and after all, you know, a sword-out need not be a very

sections affair." "Certainly not," rejoined Servadao; "and especially in my case, when I have not the slickness intention of being wounded at all."

Incredulous as they naturally were as to the assigned cause of the quarrel, Servadse's friends had no altereutive but to notent his explanation. and without further parley they started for the staff office, where, at two o'slock precisely, they were to meet the seconds of Count Timascheff. Two hours later they had returned. All the preliminaries had been arranged; the court, who like more Busslans abroad was an alde-de-camp of the Coar. had of course proposed awards as the most approprinte wespons, and the duel was to take place or

the following morning, the first of January, at nine o'clock, man the cliff of a snot shoot a wile sad s half from the mouth of the Shellf. With the assecure that they would not fail to keep their appointment with military punctuality, the two offcers cardially wrong their friend's hand and retired to the Zulma Café for a gene at piquet. Captain Servafac at once retraced his steps and left the

For the last fortnight Servades had not been corspying his proper lodgings in the military quarters; having been appointed to make a local lovy, he had been living in a gourhi, or native hut, on the Mostaganem coast, between four and five miles. from the Shelif. His orderly was his sole comfication all but obsolete. This roudo, it is unnecesyoung widow by whom he had been captivated, and has found an object in all respects worthy of his adfections he should love her "in all simulicity." Whother the aphorism was universally true was not very material to the rallant orotain, whose sole which this should be the prevaiting sentiment. He ing a composition which would have a fire effect here in Alperia, where postry in that form was all

names, and by any other man than the expans the

enforced exife would have been entermed little short

On his way to the goartd, his mental occupation was a very laborious effort to put torother what he

was pleased to call a roads, upon a model of versi-

"I know well enough," he said reneatedly to himself. "what I want to say. I want to tell her that I love her sincerely, and wish to murry her; but, confound it! the words won't rhome. Places on it! Does nothing rhyrse with 'simplicity'? Ah! I have it now: Lovers abould, wheeler they be,

Love in all simplicity." But what next? how am I to so on? I say, Ben Zoof." he rolled alred to his arriedy, who was tretting silently close in his year, "did you ever compose any poetry ?" "No, captain," answered the man promptly: "I have mover made any versea, but I have seen them

wade fast excush at a booth during the fitte of Montmartre "Can you remember them?" "Remember them! to be sure I can, This is the way they began

The entrance money you have spent; The woodrous mirror in this place. "Bosh!" cried Servadac in discust; "your verses

are detestable trush." "As good as any others, captain, squeaked through a reed pipe." "Hold your tongue, man," said Servades per-emptority: "I have made another couries.

Lovers should, whoe'er they he, Love in all simplicity; Lover, loving honestly, Offer I myself to thee.

Bayond thin, however, the esptain's poetles! genius was impotent to earry him; his further efforts were unavailing, and when at six o'clock he reached the grarki, the four lines still remained the limit of his composition.

CRAPTER II CAPTAIN SERVADAC AND SUS ORDERLY

Ay the time of which I write, there might be seen in the registers of the Minister of War the following entry:

SERVADAC (Hector), born at St. Trélody in the district of Lesnarre, department of the Gironde. July 19th, 18-Property: 1200 frames in rentes.

8th Regiment of the Line: two yours in the 3rd Light Cavalry; seven years in Algeria. Cumpaious: Souther and Japan. Reve: Captain on the staff at Mostagesage Descritions: Chevaller of the Legion of Honor, March 13th, 18-

Hertor Servadas was thirty years of one an orchan without lineage and almost without means. Thirsting for older rather than for gold, allohtly seatter-brained, but warm-hearted, generous, and kraye, he was emirently fitted to be the proticely of the med of buildes

For the first year and a balf of his existence he had been the foster-shild of the stordy wife of a vine-dresser of Modec-a lineal descendant of the beroes of arcient prowses: in a word, he was one of those individuals whom nature seems to have predestined for reassriable things, and around whose cradle have howered the fairy rod-mothers

of adventure and good luck. In amosavance Hector Servadae was quite the type of an officer: he was rather more than five feet also inches blok alles and properful, with dark curting bair and mustaches, well-formed hands and feet, and a clear him eye. He seemed born to please It must be owned, and so one was more reads to confess it than himself, that his literary attainments were by no means of a high order. "We don't

spin tope" is a favorite saying amongst artiflery officers, indicating that they do not shirk their duty for frivologa pursuits; but it must be confessed that Servarite, being naturally idle, was very much given to "coloring tems." His most abilities because and his ready intelligence had carried him successfully through the curriculum of his carly career. He was a good draughterron, an excellent riderbasing thereughly mastered the specessor to the fameas "Uncle Tom" at the riding-school of St. Cyr. -and in the records of his military service his name had several times been included in the order of the

day.

The following episode may suffice, in a certain degree, to Hustrate his character. Once, in setion, be was leading a detachment of infantry through an intrenchment. They came to a piace where the side-work of the treach had been so riddled by shell that a portion of it had setually fallen in, leaving en arecture quite unsheltered from the grane-shot that was narrows in thick and fest. The men hasitated. In an instant Servades mounted the side-

week hid birmelf down in the sam, and thus filling up the breach by his own hody, shouted, "March 02.50 And through a storm of shot, not one of which touched the prostrate officer, the troop passed in

enfety. Since leaving the military college, Serundar, with the exception of his two commelous in the Souden and Japan, had been always stationed in Algeria. He had now a staff appointment at Mostaganem, and had istaly been sutrusted with some topographical work on the coast between Tenes and the Shelii It was a matter of little consequence to him thet

ride along the summit of the citff; altogether being in no hurry at all to bring his task to an end. His communition, moreover, was not so engrossing but that he could find heisure for taking a short railway fourney cope or twice a week; so that he was ever and again putting in an appearance at the general's receptions at Oran, and at the fêtes given by the It was on one of these occasions that he had first met Madame de L---, the ledy to whom he was desirous of dedicating the rondo, the first four lines

him well. Sometimes he would wander on foot upon

the sandy shore, and sometimes he would enjoy a

of which had just seen the light. She was a colonel's widow, young and handsome, very reserved, not to say hutohty in her morner and either indifferent or impurvious to the admiration which she impored. his attachment; of rivals he was well aware he had not a few, and amongst these not the least formidable was the Russian Count Timesheff. And although the young widow was all unconscipus of the share she had in the matter, it was she and she alone who was the cause of the challenge just given and

accepted by her two ardent admirers. During his residence in the courbi, Hector Servadat's sole companion was his orderly, Ben Zoof. Ben Zoof was devoted, body and soul, to his superior officer. His own nersonal embition was an entirely absorbed in his master's welfare, that it is certain no offer of promotion-even had it been that of sideuleuserm to the Governor-General of Abrierswould have induced hom to quit that master's pervice. His name might seem to imply that he was a native of Algeria; but such was by no means the ease. His true name was Laurent: he was a native of Montreavire in Paris, and how or why he had obtained his patronymic was one of those anomalies

which the most asymptoms of etymologists would

find it hard to explain. Born on the hill of Montmartre, between the Solferino tower and the mill of La Galette. Ben Zoof had ever possessed the most unreserved admiretion for his birthplace; and to his eyes the heights and district of Montmurtre represented an eritoms of all the wonders of the world. In all his travels, and these had been not a few, he had never hebeld agenory which rould compete with that of his native home. No eathedral-not even Burgos itself -could vie with the shurch at Montmartre. Its Pentilione; its reservoir would throw the Mediterranean into the abade: its forests had floorished long before the invasion of the Ceita; and its very mill produced to ordinary flour, but provided material for cakes of world-wide recover. To errors all. Montmartre boasted a mountain-a veritable mountain: envious tonours indeed might proposees

it little were then a hill- but Ren Zoof man'd have allowed himself to be hown in pieces ritther than admit that it was anything less than fifteen thousand feet in height. Rev. Zoof's most ambitious desire was to induce the cantain to on with him and end his dove in his mach-loved home, and so incommantly were Servadan's are basisped with descriptions of the properabilish beweits and adventages of this explaners recordisassment of Faris, that he could cancely hear the same of Montmarter without a conscious theill of veresion. Ben Zoof, however, did not despair of utilizately converting the captain, and reassively had ready the record of the Whan point of quitting the samps at treathy-sight years point of quitting the samps at treathy-sight years

manuscrite had rearlind never to loose him. When a private in the 8th Cavelry, he had been on the nt of quittier the court at twenty-cialt years of age, but premoctedly he had been appointed enterly to Cautoin Servadas. Side by side they fought in two carresions. Secondar had saved Ben-Zood's life in Japan: Ben Zoof had rendered his reguler a life arraige in the Sandan. The bond of union thus effected could never be severed; and although Ben Zoof's ashievements had fairly corned him the grabt of estimated he firm's declined all honors or any papalon that might part him from his superior officer. Two stout arms, an iron constitution, a powerful frame, and an indemitable courage ware all levelly denoted to bis regular's sarvice, and fairly entitled him to his soi-disant designation of "The Rampart of Montgarire," Unlike his reaster. he made no pretenden to any gift of poetic power, but his inexhaustible memory made him a living en-

exclosedist, and for his rest, of anecdone and tresperty takes be was methidas.
Thereuphy appreciating his arrant's good qualtresperty takes be was methidas.
Thereuphy appreciating his arrant's good party takes of the property of the property of the property of property of the property of the property of the faithful follower would have been indirectly in a faithful follower would have been indirectly in a faithful follower would have been indirectly of the University of the property of the property of the University of the property of the property of the University of the property of the property

as high as Most Blane?"

Ban Zeof's eyes glistened with delight; and from that moment Heater Servaine and Montmarire held even blanes in his affection.

CHPTER III

Contround of mud and loose stones, and covered with a thatch of turf and straw, known to the mitives by the names of "orkins," the general, though a grade better than the tents of the round Arabs, was yet for interest to say shall take built of their to stone. It adjoined as old stone besterry, previously was offered above for the besterry previously was effected within the form of the form of the bornes. It still contained a considerable number of testes, such as matricks, showing, and pick-sours.

Unconfortable as was their temperary abobe Serradas and his attendant made in complicities, settlere of them was denity in the matter either of board or logicity. After ditners, leaving his orderly to store wasy the remains of the repost in what he was pleased to term the "upbased of his streams." Captile, Serradas turned out into the open air to anake his spire upon the edge of the cilif. The abouts of night were drawing on. An hour previously, which to be keep visited, the said had deally caulty visited to be keep visited, the said had deally county.

below the borine that bounded the plain beyond the Shelif.

The sky presented a most singular appearance.

Towards the nexts, although the darkness numbered is impossible to see theorymate the darkness market is impossible to see theorymate market of a milk, the upper strate of the streampton market of the streampton market of the streampton of the strain of the strain

But Opptials Berudae was so meteorologist, and to to be doubted whether, since leaving select, he had ever operated his "Cores of Corengraphy." Besides, he had other throughts to occupy his mind. The prospect of the merere offered serious natural by the property of the which one of the was de Proy. Which of them, the

must decide.

At sight o'clock, Captain Servades re-entered the

gourbi. the single apertment of which contained his had, a small writing table, and some trucks that served instead of cupbeards. The orderly performed his cultury corrections in the adicinity build. ing, which he also used so a bed-room, and where, extended on what he called his "good oak mattress." he would size according as a dearmous for turbohours at a stretch. Ben Zoof had not yet received his orders to retire, and ensearcing himself in a corner of the gourhi, he endeavored to doze-a task which the unusual agitation of his master rendered aconomical difficult. Captain Servadas was seridantle in no hurry to betake himself to rest, but seating himself at his table, with a pair of companies and a shoot of drawing-poper, he began to draw, with red and him gravers, a variety of enlared lines, which could hardly be supposed to have much connection with a tonographical survey. In truth, his char-

neter of test collect was now estimity absorbed in that of Gissen pool. Whiteher his most has the testing same pool. Whiteher his most has the testing same would have upon the vesses the massure of a matchest that accuracy, or whiteher he foreded that the partitionous films would have variety to take shy the it is frequestable to determine; be that as it may, be was devoting all his caregins to the completion of the reade, and expressly difficult he found the task.

"Thus it?" he classisted. "Westerner Indused may

to choose this meter? It is as hard to find rhymes as to rally fugilities in a hattle. But, by all the powers! it shard he said that a French offer cannot cope with a piece of poetry. One hattalion has fought—now for the rest?" Persystrates had its remard. Presently two

Perseverance had its reward. Presently two lines, one red, the other Mus. appeared upon the paper, and the captain marmared:

"Words, mere words, carnot avail, Telling true heart's tender tale."
"What on earth alls we marked." workered Ben

"What on earth nile my master?" mattered Ben Zoof; "for the last hour he has been as fidgety as a bird returning after its winter migration." Servadas suddenly started from his seat, and as be paced the room with all the frency of meetic inspiration, read out : Empty words cannot convey All a lover's heart would say. VINLENCE as the commotion had been, that por-"Well, to be sure, he is at his everisating verses tion of the Aircrian coast which is bounded on the again?" said Ben Zoof to himself, as he roused himnorth by the Mediterranean, and on the west by

OFF ON A COMET

"Listen, lady, to my yown-O, consent to be my spouse; Constant over I will be. Constant . . . No closing lines were uttered. All at once, with unutterable violence, the easts in and his orderly

self in his corner. "Impossible to alone in such a

"How now. Ben Zoof?" said the centale charely.

"Curse the fellow, he has quite interrupted me!"

"Here, sir!" was the prompt reply; and in an

sjeculated the captain. "Ben Zoof!" he called aloud.

instant the orderly was upon his feet, standing in a

military attitude, one hand to his forehead, the

And in a voice of insuiration, accommanying his

wards with dramatic continue. Sevendae heren to

noise;" and he gave vent to a load green.

"Nothing, sir, only the nightmare,"

other closely pressed to his fromer-search "Stay where you are! don't move an inch!" shouted Servadae; "I have just thought of the end

"What alls you?"

declaim:

CHAPTER IV A CONVUESION OF NATURE

WHENCE expe it that at that very moment the horison underwest so strange and sudden a modification, that the eye of the most pratical mariner could not distinguish between sea and sky? Whence came it that the hillows raced and rose to a height hitherte unregistered in the records of

Whence came it that the elements united in one desfening crush; that the earth grouned as though the whole framework of the globe were runtured: that the waters round from their impresent decite. that the air shricked with all the fury of a cyclore? Whence came it that a radiance, intenser those the effulgence of the Northern Lights, overspread the firmament, and momentarily dimmed the sples-

Whence came it that the Mediterranean, one is stant emptied of its waters, was the peat fleeded with a fosming surge? Whence came it that in the space of a few secends the moun's disc resched a magnitude as though

dor of the brightest stars?

ambio its mysters?

it were but a tenth part of its ordinary distance from the carth? Whence come it that a new blazing appeared, hitherto unknowe to astronomy, new appeared suddealy in the firmament, though it were but to lose

itself immediately behind masses of accumulated elecat? What phenomenon was this that had produced a cutachum so tremendous in effect upon earth, sky,

Was it passible that a single human being could have survived the convulsion? and if so, could be going," said he; "but, by all the wines of Médoc,

its wells, had sustained little injury; but the gourhi, like a house of cards destroyed by an infant's breath, had completely subsided, and its two inmates by motionless, buried under the sunken It was two hours after the estastrophe that Captain Servedse regained consciousness; he had some trouble to collect his thoughts, and the first seemes that excepted his ligo were the concluding words of the rundo which had been so ruthlessly interrupted; "Constant over I will be Constant

CHAPTER V

A MYXYERODDE SEA

the right bank of the Shellf, appeared to have auf-

fored little change. It is true that indestrations

were perceptible in the fertile plain, and the sur-

face of the sea was ruffled with an acitation that

was quite unusual; but the rugged outline of the

oldf was the same as heretofore, and the namest of

the entire scene appeared unsitered. The stone

bosteley, with the exception of some deep clefts in

His next thought was to wonder what had heppened; and in order to find an answer, he muched aside the broken thatch, so that his bead appeared above the débrie. "The goardi leveled to the eround!" he exclaimed, "surely a watersport has passed along the coast." He falt all over his hody to perceive what interior

he had sustained, but not a sprain nor a scratch could be discover. "Where are you, Ben Zoof?" he

"Here, sir!" and with military promptitude a second head protruced from the rubbish. "Have you any notion what has happened, Ben

"Two a notion, captain, that it's all up with us." "Nonsense, Ben Zoof; it is nothing but a waterapont!" "Very good, sir;" was the philosophical westy. immediately followed by the query, "Any house broken, sir?"

"None whatever," said the centain Both men were soon on their feet, and began to make a vigorous clearance of the raise, beneath which they found that their arms, cooking utenzils,

and other property, had spetshed little injury. "By-the-by, what o'clock is it?" saked the cap-"It must be eight o'clock, at least," said Ben

Zoof, looking at the sun, which was a considerable height shove the horizon, "It is almost time for "To start! what for?"

"To keep your appointment with Count Timescheff." "By Jove! I had forgotten all about it?" exclaimed Servedge. Then looking at his watch, he

eried, "What are you thinking of, Ben Zeof? It is

"Two in the morning, or two in the afternoon?" zaked Ben Zoof, again regarding the sun. Servadae releed his watch to his ear. "It is I am pussled. Don't you see the sun is in the weat? It must be near cetting."
"Setting, espatial Why, it is rising finely, like a conscript at the sound of the reveille. It is conciderably higher since we have been talking." learned the as it might appear, the fact was un-

10

siderably higher clace we have been talking."
lexereditie as it might appear, the fact was undesiable that the sun was rising over the Shiffiren that quarter of the horizon behind which it usually sank for the latter pertion of 6s delly round. They were utterly hewidaterd. Some mysterious phenomenon must not only have altered the position of the sun in the sidercal system, but

terious phenomenon must not only have altered the position of the sus in the sidercal system, but must even have brought about an important modification of the cardity rotation on the rate, Capitals Revoales consoled himself with the proposed of resoling an explanation of the supetry in next week's newspapers, and turned his attastice to what was to his of more immediate importance.

nest week's newspapers, and turned his attastice to what was to him of more incrediate importance. "Game, let us be off," said he to his orderly; "though heaves and earth he topsy-turcy, I must be at my post this morring."

"To do Gaust Timascheff the horce of running him through the hole;" added Hen Zeof.

If thereafter and his orderly had been less preconject, they would have nestrict that a warsty of other physical changes bension the apparent attention in the movement of the sun had been evolved the properties of the sun had been evolved. The Year's night, As they descended the stage focupal bension from the old instancia the faist, they ware consistent that their respirative became fewer of the properties of the properties of the properties of the reaches of all third where the sight has become less charged with corpus. They were also conceives that there were seven that and faistly either they

evident that the air had become less capable of transmitting rooms.

The weather, which on the previous evening had hear very forgy, had entirely changed. The six do assumed a singular tint, and was soon covered with lowering elocids that complettly in the sun. There were, tokeed, all the signs of a coming attern, but the vapor, on account of the inconfizient consisten-

tim, falled to fail.

tim, falled to fail,

circumstance along this coast, and not a sail nor

a trail of smoke brides the gray monotory of wider

and sky. The limits of the horizon, too, had become much circumstaritad. On land, so well so on

sail, the remote distance had completely disappeared,

and it is essent as though the globe had assumed a more decidate convention, the open varieties of the Art. As the poor all which there will be a set of the Art. As the poor all which and this state of the avenual and the log to a concupils in the tree miller that by between the govern lead the pince of reaching as word, had each excess. They did not exchange as word, had each special to Rft up their bodies and give as it were written to their fact. If the zeed and apprecial his considerant is works, he would have self-their consistents in works, he would have self-their the consistent in works, he would have self-their the consistent as works, he would have self-their the consistent as works, he would have self-their their consistent as your to the consistent as well that the consistent is works, he would have self-their their consistent as well that the consistent is works as well that the consistent is the consistent as the consist

As these thoughts were crossing his mind, a horsh hark was hourd to the left of the footpath.

and a lackal was seen emerging from a large grove

mailteat uncantenes, the beaut body op the perime at the foot of a rode, more than thirty feet in the foot of a rode, more than thirty feet in the perimental properties of the legs. At adjulctime, the perimental properties of the legs. At adjulctime, the rode of the legs of the legs of the rode of the tures are commented formindable, but singly these were not more designed than a long left in the perimental properties. As a first properties of the oversion to leckshy perhaps because they had no possessment from of the therefore designed and possessment from on the therefore designed when, to the summittands administrator of a himself when, to the summittands administrator of a himself on single broad gates the second for the rode.

of lentisks. Regarding the two wayfarers with

"Good Basvena" oried Ben Zoof, "that leap must have been thirty feet at least."
"True enough," replied the captain; "I never saw such a jump."

Meanthine the jetches had rested itself upon the Meanthine the jetches had rested itself upon the two enerous act of impulent definers. This was ten much for Bern ZOO's fortexance, and stooping down be caught up a hare stone, when to his curptus, be found that it was no bearter than a given of period togot, "Conformd the breat?" he exhibited, "I might as well threw a piece of bread at him. What secounts for its being as light at this?" What secounts for its being as light at this?"

destring it on the whole product to desume, disappeared across the treas and hedges with a series of bounds, which could only be likened to those that might be made by an infelient-blow heapprop. Here Zoof was sure that his own powers of propelling must squal those of a howither, for his stone, after a lengthaned flight through the sir, fell to the ground full five hundred porce the other side of

The orderly was now some yards ahead of his master, and had reached a ditch full of water, and shout ten feet wide. With the intention of clearring it, he made a spring, whose a load ory beart from Servadoe. "Hen Zoof, you blind! What are you shout! You will break your hash!!"

second. Yes with areas your mass? Deep Cont. The second has a spring to a highly of forty feet into the air. Pear ful of the conceptioners that would attend the descent of his areas to terra from a feet of the diction in the content of his areas to terra from a mass of the diction in time much carried him in this turn to an altitude of this property of the diction of the diction in the content of the diction of the diction in the content of the diction of the diction

was conscords of at institute superstay, where the extension is every to their few steeps to their few. If then Zeef their expension has been designed in the extension in words, he would have widt that he recurstions in words, he would have widt their feit up to engithely, and he had ever forgotten to taste so much as a creat of breed, a lapse of our words the matter. For a few seconds is shown according to the contract of the

"It is very certain that comething has happened to us," said Ben Zoof. "I have occasionally dreamed

at nothing." Zoof bad slumbered to the ton of a curalwater and "Bight centain" replied Bun Zoof: Sand Sept from his lafty perch was surveying the country to of all, let us settle our little score with Court Time-Reward the ditch lay a small piece of meadew land.

shout an arre in extent. A soft and delicious burbage expetted the soil, whilst tress formed a charming framework to the whole. No snot could have been shown more suitable for the meeting between

hat I years experienced anothing of this lead he

fore: it must be neculiar to the count of Alegela."

Recycler east a heaty choren round. No one was in sight. "We are the first on the field," he said. "Not so sure of that, sir," said Ren Zoef. "What do was mean?" asked Severder looking

at his worten, which he had not an meanly so nosallyle by the sen before leaving the except: "If is not nine o'lock yet." "Look up there, sir. I am much mistelsen if that is not the sun;" and as Ben Zoof spoke, he pointed

directly overhead to where a faint white disc was slimby whichla through the here of alords "Nunsemet" exclaimed Servador, "How can the use he in the wnith in the morth of January, in

let 50° N 7" "Can't say, sir. I only know the sun is there; and at the rate he has been traveling, I would lay my con to a dish of courcous that in less than three

Hector Servadae mute and metionless, stood with folded arms. Presently he reused himself, and hecon to look about evely "What weens all this?" he nurmured. "Laws of gravity disturbed! Points

of the common reversed! The leveth of day reduced one half! Surely this will judefinitely postpore my meeting with the count. Semething has happened; Ben Zoof and I cannot both be mad?" The orderly, meentime, surveyed his master with the greatest equacimity; no physomeron, housewer

exclamation of surprise. "Do you see sayone, Her-Zeof?" soked the exptsin, at last, "No one, sir; the count has evidently been and

"But supposing that to be the case," persisted the exptain, "my reconds would have waited, and not seeing me, would have come on towards the pourbl. I san only conclude that they have been unable to Without finishing his sentence, Captain Servadae,

thinking it fant probable that the most, as on the previous evening, might come by water, walked to the ridge of rock that overhung the above, in order to ascartain if the Dobryna were anywhere in sight, But the rea was described, and for the first time the contain noticed that, although the wind was calm, the waters were ususually agitated, and seethed and formed as though they were building. It was very certain that the racht would have found a difficulty in holding her corn in such a swell. An-

ather thing that now struck Servadae was the extra-

the south, as well as towards both Tenes and Montayanem. On Assembly, he informed the cantern that the plain was described. "We will make our way to the river, and get over into Meetaganem," said the contain.

nary circumstances, his clousted position would have

allowed how a radius of vision at least five and

The Shellf was not more than a mile and a bulf from the meadow, but no time was to be lost if the two men were to reach the town before nightfall. Through still hidden by heavy shorts, the surwas evidently declining feet; and what was equally

inexplicable. It was not following the ablence curve that to these latitudes and at this time of week might be expected, but was sinking paymentleularly dearn to the horizon. As he went along, Captain Servadae pondered deeply. Percharge some unbeard of physogeneror

had medified the rotary motion of the plobe; or xerbans the Alperian coast had been transported beyond the assistor into the conflore hereignberg Yet the earth, with the exception of the alteration in its convenity, in this nort of Africa et least seemed to have undergone no change of any vererent importance. As far as the eye could reach the shore was as it had over been a empousion of cliffs, hearh, and arid rocks, timed with a red

ferruringes has. To the south-if south in this inverted order of things, it might still be calledthe face of the country also ampared unaltered and some leagues away, the peaks of the Merdeysh mountains still retained their accustomed outline. Presently a rift in the glouds pass namence to an oblines way of light that electly proved that the sun was setting in the cost. "Well. I am curious to know what they think of

all this at Mostagacem," said the captain. "I wonder, too, what the Minister of War will say when he receives a telegreen informing him that his African colory has become, not marelly, but physically discreanized; that the cardinal points are at varionce with ordinary rules, and that the sun in the month of January is shining down vertically upon

our heads." Ben Zoof, whose ideas of disapline were extransly rigid, at once augmented that the colony

should be rut under the surveillance of the nelice. that the cardinal points should be pleased under restraint, and that the sun should be shot for breach

Meantime, they were both advancing with the ntmost speed. The decompression of the atmosphere made the specific gravity of their bodies

extraordinarily light, and they ren like hares and leaped like champis. Leaving the devices windings of the footneth, they went as a erow would fly scross the country. Hedges, trees, and streams were cleared at a bound, and under these conditions Ren Zoof felt that he could have overstenned Montamartre at a single stride. The earth seemed as It was not long before their wild excess prought them to the right basis of the Shiff. Here they were compelled to step, for not each had the bridge completely disappaned, but the river itself no longer actival. Of the laft bank there was not the diplosis trees, and the right bank, which on the arithment of the step of the step of the step of an it murranteed passefully along the fortile plots, had now become the above of a tumbilistic security in source waters extending verticated for as the eye could reach, and armillating the trant of country

each reach, and archibiding the trart of country which had hibbrite formed the district of Moisegames. The shore estimated exactly with what had been the right bank of the Bitdly, and in a nightly storred line run north and south, whilst the adjacent groves and reaches an restored their pervices passitions. But the river-bank had become the shore of an unknown sevense light upon the mystery, Servetich barriedly made his way through the ob-

water in the hollow of his hand, and carried it to his ligs. "Salt as brine" he excitance, as seen as he had tested it. "The sen has understredly excitated up all the worters part of Algeria," "It will not last long, sir," said Ben Zoof. "It is, prointly, only a severe flock." The captain thook his head. "Worse than that, I fear, Ben Zoof," he realled with emotion. "It is

a catastrophe that may have very serious socusquences. What can have become of all my friends and fellow-efform?" Ben Zeof was silent. Rarely had be seen his master so much agisted; and though himself inclined to receive these phenomena with philosophis indifference his neglect of military day canad his

sconference to reflect the esptain's expression of sunsacross.

But there was little time for Servadas to examine the changes which a few boars had wreaght. The sun had already reached the easters horizon, and just as though it were crossing the cellpide under the trupies, it suck like a samon had listo the sam. Without any warning, day gave place to night,

und earth, see, and sky were immediately wrapped in professed obscurity. CHAPTER VI THE CAPTAIN MAKES AN EXPERSATION

HIGGING BENVARIA was not the man to remain leng unmerved by any untoward event. It was part of his elements of the length of the world have food a carena fail the more manifoldinely from undertanding the dynamic force by which it was propoled. Both being his tent of the length of t

ling in their consequences.
"We must inquire into this to-morrow," he exclaimed, as darkness fell suddenly upon them. Then, after u nease, he added: "That is to say, if there the tecture, I could not tall what has become of the sun."
"Mary I ask, sir, what we are to do now!" put in Hen Zoof.
"Stay where we are for the present; and when daylight appare—if it ever does appear—we will explore the coset to the west and scath, and return to the zons!. If we can find out nothing size, we

expoore the coest to the west and south, and return to the ground. If we can find out nothing clee, we must at least discover where we are." "Meanwhile, sig, may we go to sleep?" "Certamby, if you like, and if you can." Nother, least to await blressif of his meaner's.

rouning seen to await numeric of his macter's permission. Hen Zood crouched down in an angle of the share, three his arms over his syss, and vary soon slept the sleep of the ignorant, which is often sounder than the sleep of the fast. Overwhelmed by the questions that crowded up-

up and down the farre. Again and again he asked himself with the extensivelyse could protent. Hot the towns of Algiers, Gross, and Montagescon extensive and the contract of the contract of the towns of the contract of the contract of the to believe that all his inhabitants, his friends, and commades had gerithed; or was it and more proable that the Mediterraneous had married jurnaled about the contract of the contract of the supposition did not in the host explain the either physical distributions. Another hypothesis that presented fund to his mind woo that the African count night have been quidely to required in the

on, the difficulty of the shirtered military of the num and the shirter of the shirter of the shirter of the num and the shirter of the num and the shirter of the num and the shirter of the shirter of

dae was acquainted with the position of the printipal constitution. It was therefore a consideration parameter the constitution of the printipal consideration of heavy shock, not a star was visible in the firstment. To have ascertained that the pole-star had become displaced would have been an undensitied proof that the carrie was revolving on a new axis; tut not a rift appeared in the lowering shocks,

"The means in the west "be cried shord; but sufdenly bethinking himself, he added: "But no, that cannot be the moon; unless she has shifted very much scarrer the earth, she could never give a light as interse as this."

month nearer the earth, she could never give a light as intense as this."

As he spoke the screen of vapor was illuminate to such a degree that the whole country was, as it were, bathed in twilight, "What can this help collourised the santials. "It cannot be the sin, for

the sun set in the curt only an hour and a half ago.

Would that those clouds would disclose what enormous huminary lies bashed them? What a feel

I wan not to have learnt more astronomy? Perhaps,

after all, I am racking my lovals over semeshing that is quite in the ordinary course of nature." But, reason as he might, the mysteries of the hearene still renational importantials. For about an burr stem luminous body, the disc ovidently of gigantic dimension, budy the disc ovidently of gistartic dimension, bud its rays upon the upper stemts of the clouds; then, marriches to relate, in-

gamin dimension, and for rays upon the apper strate of the clouds; then, marvelous to rulete, instead of obeying the ordinary laws of celestial mechanism, and decounding upon the opposite horiaco, it seemed to retreat further off, grew dimners, and unjuked. The durkness that returned to the face of the

The derizans that returned to the face of the south was not more profuzed than the gloom which full upon the captain's soul. Everything was incomprehensible. The singular measural rates resemb flability; the planets but daried the lowe of gravitation; the motions of the celestical spheres were errorous as those of a watch with a defective

and required and the residence upon the management of the season of the

to so brief a period of repose, was still slumbering soundly.

"Come, wake up!" said Servadas, shaking him by the shoulder; "It is time to start."
"Time to start?" consistend Ben Zocf, ruhting his eyes. "I feel said I had only just gone to steep." "You have sleet all night, at may rate," respired

the captain; "it has only been for six hours, but you must make it arough."
"Expuse h it shall be, sir." was the submissive

rejeinder.

"And new," continued Servedor, "we will take the shortest way back to the pourlei, and see what we have think short it all."

our horses think about it all."
"They will think that they eaght to be grouned,"
said the orderly.
"Very good; you may groom them and saidle

them as quickly as yes like. I want to know what has become of the rest of Algaria; if we ensure get raund by the south to Mostagamen, we must go constructs to Toness." And forthwith they started. Beginning to feel honogry, they had no hestatation in gularizing legar, Aldex, and common from the plantation that forced a continuous risk and invertical realization of the continuous risk and invertical realization that forced is continuous risk and invertical

penalty.

In we hear and a helf they reached the goards.

In we hear and a helf they had left it, and it was evident that no one had visited the place during their absence. All was describe as the shore they

had quitted.

The preparations for the expedition were brist
and simple. Ben Zoof soldied the barses and filled
his proch with bisselies and game; water, be full
certain, could be obtained in aircadesace from the
neuerous extinacts of the Smith; which, although
they had now become tritutaries of the Mellitecases, at ill repartment through the plots. Coption
for the property of the property of the Zoof
derrotter monated his borne Zophys, and the Zoof
date; the mid of Meditaries. Fur, Press Richord of
these the mid of Meditaries. They exilted out

their beress at it had had upon themselves. Their musation stereous assumed the times as great as bithering their heads sensonly tenshed the ground, and the stereous stereous tenshed the ground, it ruption into voribile hiprograftic. Higgsly, Stereous date and his orderly were fearless ridour; they made no attempt to such their steeds, he trees urged them no attempt to such their steeds, he trees urged them to be carry them over the four or from miles that interwent between the postell and the mouth of the Shelfit; then, abskinning their speed, they proceeded at a man interrupt post to the synthesis, above

in discouring that the dustingtion in the pressure

of the atmosphere had reversely the same affect upon

bed which, although it will retained its former charnetterities, was more the homoger of a see, which extending further than the finite of the horizon, area have available on the finite of the horizon, area have available on the first horizon of the provists of Covac. Captain Servador know the country well; he had a tone time home engaged upon a triproconstrict survey of the district, and censequestly had an accurate knowledge of the topic graphy. His idea now was to draw up a report of the investmentagement to whom their travest should be

delivered was a preblem he had yet to solve.

During the four heurs of daylight that still remained, the travelers rode about tweety-one miles from the river meeth. To their was surprise, they did not meet a single human being. At nightfall they are measured in a slight houd of the shore.

at a point which on the provious evening had faced the ascoth of the Mina, can of the left-hand affinents of the Shelli, but now shorthed into the newly revealed ocean. Hen Zorf made the sleeping accommodation as comferrable as the divormationes would allow; the barness were behind and turned out to

allow; the horses were helphied and turned out to feed upon the rich pasture that clothed the shore, and the night passed without special incident. At surnes on the following meening, the 2nd of January, or what, according to the ordinary calendar, would have here the wight of the lat the are.

this would be evelopy removated that heren, and this and his evelopy removated that heren, and of forty-two miles. The right hank of the river still continued to the manging of the land, and city in core spot had fit integrity bean impaired. This was about twelve miles from the Miles, and on the rids of the sonance restored of Surchemittee. Here a leeps perison of the lands had been every sway, and the health, with its right handed intermental that the sum of the sum of the sum of the sway, and the health, with its right handed intermental that the sum of the sum of the sum of the sway and the health, with its right handed intermental that the sum of the sum of the sum of the sway and the health, with its right handed intermental that the sum of the sum of the sum of the sway and the health, with its right handed intermental that the sum of the su

i. Date probable dust a similar face had overtaken the a larger towns beyond the Heldf.

In the evening the explorers encamped, as proviously, in a nock of the other which hear abruptly terminated their new demain, not far from where it, they might have expected to fail the important vilal large of Minnounturrey; but of this, too, there was now no troe. "It had galler recknored upon a support

f. they might have expected to find the important vilter of Memoratherary; but of this, tee, there was now as true. "I had gather rectored upon a supporant a bed at Orizonville te-night," said Strusdes, as, full of despendency, he surveyed the mosts of water.

"Quite impossible," replied Ben Zeef, "support you "Quite impossible," replied Ben Zeef, "support you

had gone by a boxt. But cheer up, sir, theer up; we will soon devise some means for getting across to Montaganers." "If, as I hope" reprined the captain, "we are on a peninush, we are more likely to get to Tenen; there we shall hear the news."
"Far more likely to carry the news curselves,"

"Far more likely to carry the news ourselves," answered Ben Zoof, as he throw himself down for his night's rest.

Six hours him, only waiting fee sources, Captain Servation as himself in movement again to recove his investigations. At this upot the above, that healther had been running us a substanetary discretion, turned always by the marks, help as inspec formed by the notices had not fill fill all the formed by the notices had been been as inspecformed by the notices had been as the subtional by the second of the second of Ortensewas in sight. Nothing evold be seen of Ortensevitle, which ought to have been about six miles in the continuents and Hen Seef, who had mornined the highest points of view relatables, could distinguish

see, and resting her say, to the farther the teen, quitting their encomposers and riding on, the hewithered explorers kept close to the new shreet. The, same it had ceased to be ferred by the origiration of the same of the same of the condequitting the same of the same of the frequent listedings occurred, and in many pieces deep charms right the granuly great gaps turnessed the state, and trans, half uphosted, overbrang the high remarked transh, bedding on though they had had remarked the same to the same of the same pair marked transh, bedding on though they had

these storyed by a hatchet.

The innoether of the count line, alternately supply
and bendland, had the sellect of making a shevious
they had been supply to the state of the sellect of the sellect
they had accomplished mere than tevery miles,
they had only just arrived at the fout of the Merdays Memnians, which, before the sentinyam, had
the sellect of the sellect of the sellect of the sellect
the sellect of the sellect of the sellect
the sellec

the limits and conditions of the occlor of Algorita territory of which the streamly in Is (fig. a the sale comparate, they dissentance), and protected on the has deviated by ascertainty district from the base of the Hewitzah for the Medicerranan, a distance of the Hewitzah for the Medicerranan, a distance of the Section of the Medicerranan, a distance of the Section of the Medicerranan, a distance of the section of the Medicerranan, a distance of the execution of the sale section of the section of the execution of the sale section of the section of the torylogy of the sale shot correctly now and the torylogy of the sale shot correctly now as of, execution of the sale shot correctly now so if,

extently an island.

Rively percently specking, this island was quadritaters, but the islan were as irregular that it was much more search; a triange, the third was much more search; a triange, the comparison of the sides exhibiting these proportions: The section of the right band of the Scholl, swearly was mitted, be returned boursing from the Scholl in the chain of Adlas to the Modernamen, eighteen suffer; and safty sultes of the above of the Modifierment Riskl, making in all an entire determinence of about 170 and proposed to the Modifierment of the Modifie

"What does it all mean?" exclaimed the captain, every hore growing more and mure bewildered. "The will of recyclence, and we must spirmit."

refield. Ben Zeof, calm and undescribed. With this reflective, the two man anisetyl descended the mountan and remounted their barries. Before vesing they had reached the foldierransen. On their road they falled to discern a westign of the little than the second of the second of the little man and the second of the second of the mountain anisety of the second of the it seemed to be armfallated.

On the fallowing day, the 6th of January, the

On the following day, the 6th of January, the two men made a farced march along the coast of the Mcditerroness, which they found less altered than the captain had at first surprased; but four villages had entirely disappeared, and the headlands, unable to resist the sheek of the convolution, had been detached from the marchant.

The circuit of the island had been sow completed, and the explorers, sitter a purish of sixty hours, found threatened some more besides the retails the case of the control of the control of the established actor of things, would have hear two days and a half, had been compiled in tration the beurstates of their new disconin; and they had secretained beyond a doubt that they wom the role certained beyond a doubt that they wom the role

human inhabitants left upon the island.
"Well, sir, here you are, Governor General of
Algeria!" exclaimed Ben Zoef, as they reached the

genthi.
"With not a soul to govern," gleomity rejoined
the carrials.

"How so? Do you not recken me?"

"Pakew! Ben Zeof, what are yeo?"

"What am I? Why, I am the population."

The captain deigned no rouly, har, mattering ages conventions of recruit for the figuration."

some expressions of regret for the fraithes broadle he had taken about his rends, belook bimself to rest.

CHAPTERVII

CHAPTER VII

SEN 2009 WATCHES IN VAIN

In a few minutes the governor general and has
population were askep. The genric keing in value,

they were obliged to put up with the best accommomust be owned that the captain's alumbers were by no means sound: he was aritisted by the consciousness that he had hitherto been unable to account for his strange experiences by any reasonable theory. Though far from being advanced in the knowledge of natural philosophy, he had been instructed to a certain degree, in its elementary principles; and, by an effect of memory, he manared to recall secon general laws which he had atresat forgottee. He could unferstand that an altered inclination of the earth's pain with regard in the cardinal points, and bring about a displace. ment of the are; but the hypothesis entirely falled or for the diminution in the pressure of the atmosphere. He felt that his judgment was atterly boffled; his only remaining hope was that the chain

thing further might throw some light upon the mystery.

Ben Zoof's first care on the following morning was to provide a good breakfast. To use his even

 was to provide a good breakfast. To use his even phrase, he was as hungry as the whole population of three million Algerians, of whom he was the representative, and he must have enough to est. The catastrophe which had everwhelmed the country had left a dozen eggs uninjured, and upon these, with a good dish of his famous ecuseous, he hoped that he and his master might have a sufficiently substantial meal. The stove was ready for use, the

OFF ON A COMET

corpor skillet was as bright as hands could make face of a large stone alcerrana wave evidence that it was supplied with water. Ben Zood at once lighted a fire, arrging all the time, according to his wont, a snatch of an old military refrain. Eare on the looksut for fresh phenomena. Camtain Servadae watched the preparations with a curi-

strengely readified condition, would fail to surely sufficient exceen, and that the stove in consequence might not fulfill its function. But not the fire was highted just as usual, end farmed into vigor by Ben Zoof ambring his mouth in lieu of believe, and a bright flare, storied un from the midst of the twice and coal. The skillet was duly set upon the stove, and Hen Zoof was premared to wait awhile for the water to hot. Taking up the eggs, he was surprised to notice that they hardly weighed trore than they would if they had been were shells; but he was still more surprised when he saw that before the water

had been two minutes over the fire it was at full "By Singo!" he exclaimed, "a precious hot fire!" Servalue reflected. "It carrent be that the fire is hetter," he said, "the peculiarity must be in the water." And taking down a centistrade thermometer, which hung upon the well, he plunged it into the skillet. Instead of 160°, the instrument registered

"Take my advice, Ben Zoof," he said, "leave your eggs in the aspectus a good quarter of an hour," "Boil them hard! That will sever do," objected

the orderly. "You will not find them hard, my good fellow, Trust me, we shall be able to dip our sippets into the yolks easily enough," The cantain was quite right in his confecture, that

the pressure of the atmosphere. Water boiling at a termerature of 68" was itself on epidence that the scenn of sir above the earth's surface had been reduced by conclided of its quantity. The identical phenomenon would have occurred at the summit of a mountain \$5,000 feet high; and had Servadae been in possession of a karometer, he would have immediately discovered the fact that only new for the first time, as the result of experi-

ment, revealed itself to him-a fact, moreover, which accounted for the effect upon the bloodyears which both he and Ben Zoof had experienced. as well as for the attenuation of their voices and their accelerated breathing. "And yet," be agreed with himself, "if our encampment has been projected to so great an elevation, how is it that the sea remains at its proper level?"

Once again Hector Servadae, though expuble of tracing consequences, felt himself totally at a loss to commrehend their cause; hence his agitation and After their prologged immersion in the holling water, the eggs were found to be only just sufficiently cooked; the counceus was very much in the

"Well, captain?" said Ben Zoof presently, such being his ordinary may of opening convergation. "Well, Ben Zoof?" was the captain's invariable "We can only for the present wait patiently where we are. We are encarred upon an island, and therefore we can only be rescued by sea." "But do you suppose that any of our friends are

sume condition; and Ben Zoof came to the conclu-

sion that in future he must be careful to commence

his culmary operations an hour earlier. He was

rejoiced at last to help his master, who, in spite of

his perplexed precompation, seemed to have a very

remerce to his arrest's forespla-

"What are we to do now sir?"

still alive?" asked Ren Zoof. "Oh, I think we must indulce the hope that this cutestrophe has not extended far. We must trust that it has limited its mischief to some small portion of the Alecrian coast, and that our friends are all allow and well. No doubt the covernor general will be anxious to investigate the full extent of

the damage, and will send a vessel from Algiera to evolve. It is not likely that we shall be forestien. What you have to do then, Ben Zoof, is to keep a aburn lookout, and to be ready, in case a yearel should appear, to make signals at once," "But if no years! abould supper?" sighed the orderly. "Then we must beld a best, and go in search

of those who do not come in search of us." "Very ered. Rot what sort of a sailer are man?" "Everytope can be a caller when he must," said Servadao estrely Hen Zoof said no more. For several succeeding days he secured the burlane unintermittently with his telescope. His watching was in vain. No ship appeared upon the descri sea, "By the name of a Kabrie!" he broke out impatiently, "his Excellence

s greenly neglige of?" Although the days and nights had become reduced from twenty-four hours to twelve, Captain Servaday would not accept the new condition of things. but resolved to adhere to the computations of the old calcuder. Notwithstanding, therefore, that the this new phenomenon was caused by a diminution in sun had ricen and set twelve times since the commenement of the new year, he persisted in celling the following day the 62h of January. His watch enabled hirs to keep an accurate account of the

passing hours. In the course of his life, Ben Zoof had read a few books. After pondering one day, he said: "It neems to me, captain, that you have turned into Boblinson Crusoc, and that I am your man Friday. I have I have not become a negro,"

"No," realied the captain. "Your commission isn't the fairest in the world, but you are not black "Well, I had much sooper be a white Friday than

a black one," rejoined Bun Zoof. Still no ship appeared; and Captain Servadae. after the example of all previous Crusoes, began to consider it advisable to investigate the resources of his domain. The new territory of which he had

become the monarch he named Gourbi Island. It had a superficial area of about nine hundred senare miles. Bellocks, cows, goats, and sheep existed in considerable numbers; and as there seemed already to be an absordance of same, it was hardly likely

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that a feture supply would full them. The condition of the cercals was such as to promise a fine ingathering of wheat, mains, and rice; so that for the governor and his population, with their two horses, not only was there ample provision, but even it other human inhabitants besides themselves should yet be discovered, there was not the remotest prosneet of any of them perishing by starvation.

16

procedent

From the 6th to the 18th of January the rain cause down in torrents; and, what was quite an unusual eccurrence at this season of the year, say, eral heavy storms broke over the Island. In spite, however, of the continual downfall, the heavens still remained veiled in cloud. Serveduc, moreover, did not fall to observe that for the season the temperatore was unusually book; and, as a matter still more surprising, that it kept steadily increasing, as though the earth were gradually and continuously approximating to the sun. In proportion to the rise of temperature, the light also assumed greater intensity; and if it had not been for the servers of vegor interposed between the sky and the island,

the irradiation which would have illumined all ter-

restrial objects would have been vivid beyond all

But neither sun, most, per star ever appeared:

anable to identify any one point of the firmament way he were readily impristed than described. On one occasion Ben Zoof endeavored to mitigate his reacter's impatience by exhorting him to assume the resignation, even if he did not feel the indifference, which he himself experienced; but his advice was received with so snevr a rebuff that he retired in all hosts, abached, to resume his watchman's duty, which he performed with exemplary perseverance. Day and night, with the shortest possible intervals of rest, despite wind, rain, and storm, he recented enerd upon the cliff-but all in valu. Not a speak appeared upon the desolute horizon. To say the truth, no yeard could have steed against the weather. The burriesse raged with transcribes fury, and the waves rose to a

helight that seemed to defy calculation. Never, even in the second era of creators, when, under the inflaeace of internal heat, the waters rose in vapor to descend in delege back upon the world, could meteerological phenomena have been developed with more impressive intensity But by the night of the 13th the tempost appeared to have seent its fury; the wind dropped; the rain ceased as if by a spell; and Servadae, who for the last aix days had confined himself to the shelter of his reof, hustened to join Ben Zoof at his pest upon the cliff. Now, he thought, there night be

a charge of solving his perplexity; perhaps now the hope disc of which he had an imperfect elimpor on the night of the Blat of December wight again reveal itself; at any rate, he hoped for an opportunity of observing the constellations in a clear The night was resomificent. Not a cloud dimmed in surpassing brilliancy, and several nebulae which hitherto no astronomer had been this to discorn

to the neked eve.

without the aid of a telescope were clearly visible

By a natural impulse, Servador's first thought neuros his first impression. was to observe the position of the pole-star. It was

that the axis of the earth indefinitely prolonged could ever page. In his impression he was more thoroughly confirmed when, an hour later, he noticed that the star had approached still nearer the borizon, as though it had belonged to one of the The pole-star being manifestly thus displaced, if remained to be discovered whether any other of the celestial bodies had become a fixed center around which the constellations made their arrarent daily

in night, but so near to the herizon as to surposet

the utter impossibility of its bring any longer the

central pivot of the sidereal system; it occurred

a position through which it was out of the question

revolutions. To the solution of this problem Servadac arcifed himself with the most thoughtful diligence. After patient observation, he natisfied himself that the required conditions were answered by a certain star that was stationary not far from the barison. This was Vegu, in the constellation Lyra, a star which, according to the precession of the equinoxes, will take the place of our pole-star 12,000 years beace. The most during imagination 12,000 years nesse. Ins most using magnetic could not suppose that a period of 12,000 years had been crowded into the space of a feetnight; and therefore the captain came, as to an easier conclu-

sion, to the coinion that the earth's sais had been anddenly and immensely abified; and from the fact that the axis, if produced, would pass through a point so litle removed above the herizon, he defeed the inference that the Mediterrapean must have been transported to the equator. Lost in bewildering more of thought, he gazed long and intently upon the heavens. His ever wandered from where the tail of the Great Rear, now a nodineal constellation, was scarcely visible above the waters, to where the stars of the southern herei aphers were just breaking on his view. A ery from Ben Zoof recalled him to himself

"The moon!" shouted the orderly, as though over fored at once again beholding what the post has called. "The kind companion of terrestrial night;" and he pointed to a disc that was rising at a spot

precisely opposite the place where they would have expected to see the sen. "The moon?" seals be But Cantain Servadae could not altogether enter into his servant's outbusiasm. If this were notually the moon, her distance from the earth most have been increased by some millions of miles. He was rather disposed to suspect that it was not the earth's patellite at all, but some planet with its apparent magnitude greathy enlarged by its approximation to the earth. Taking up the powerful field-glass

which he was accustomed to use in his surveying overstions, he arecorded to investigate more carefully the luminous ech. But he falled to truce any of the Engaments, surmosed to resemble a human face, that mark the lunar surface; he falled to decipher any indications of bill and plain; nor rould he make out the surrels of light which consentes from what astronomers have designated Mount Typho. "It is not the moon," he said slowly.

"Not the moon?" cried Ben Zood. "Why not?" "It is not the moon," senin affirmed the captain, "Why not?" repeated Ben Zoof, unwilling to reAnd the explain drew his sorrant's attention to a bright speck, apparently about the size of one of Jupiter's actualities seen through a moderate telesors, that was clearly visible just within the focus of his glass. Here, then, was a fresh supplery. The orbit of this pinet was assuredly interior to the orbit of the parth, knowns if accompanied the sum in its

the earth, because it accomposited the sum in fix apparent motion; yet it was meither Mercury nor Venus, because mitther one mer the other of these has any actually at all, and a distanged again with The captain standard advanced again with The captain standard advanced again with The captain standard advanced again with "Confound it!" he cried, "If this is neither Venus or Mercury, it must be the racco; but if it is the more, whence, in the name of all the gods, has she

picked up another meen for herself?" The captain was in dire perplexity. CHAPTER VIII VENUE IN FERLIGIES PROXIMITY

This light of the returning sam some extinguished the girsy of the stars, and readers it measures for the capital to postpore his observations. He had sought in with for further taxes of the large disc that had so excited his wonder on the first and it is had been carried beyond the range of vision. The weather was still superfu. The word, after verifig to the work, had orns to a perfect calm. Pursuing the inverted course, the sun cose and set with understanding regulatory, and the slays set with understanding regulatory; and the slays set in the star of the star of the star of the slays of the s

signts were still divined into periods or precisary etc hours each—a sure proof that the sur remained close to the new equator which manifestly peaced through Gourhi Island.

Meanwhile the temperature was steadily increasing. The captain kept his thereconsters close at head where he could recently convent it is not on

the 18th he found that is registered 10° configurate in the shade. No attempt had been must be reducif the gound, but the capital and Ren Zoof measured to make up quarters architecture conference in the principal science will, but at first afforcided a refuge from the terrents of rain, now formed as equally accept also about From the harming sum. The heast was been must be the harming sum. The heast was been suited and the statement of the register of the re

some modification assoud, it soomed incritable that divergations desiral become scended and heart and expected and heart scended and heart

in reference to his orderly's indomitable persever

ence, happened to remark that he thought he must

tief to oration mean, in whole they would remain investable. But we sell if he bid understood the investable is sell in the control of the brought it short would have been as such a surtance. The time for the orat and furth harvest Tanasses. The time for the orat and furth harvest ing and on the extrema heat precipited any prolayed courtons, it was orders "the proposition" in the control of the control of the prolayed courtons, it was orders "the proposition of the control of the control of the great courtons, it was orders "the proposition of the control of the control of the provisit were still for from chessical, and now that the respirate of the weather take of happing sub-

a ship of some sort would soon appear. Not only

to which Ben Zoof replied, with the utmost dignity,

that he was born at Montmartry, which was all the

come. The worthy fallow was anything to own

that, even in the matter of heat, the tropics could

to take effect upon the products of the soil. The

san rose rapidly in the trees, so that in the course

of a few days buds, leaves, flowers, and fruit had

come to full maturity. It was the same with the

cereels; wheat and make aprouted and ripened as

if by magic, and for a while a rank and hundriest reaturage cicked the meadows. Summer and

autumn seemed blended into one. If Captain Ser-

varias had been more domly varied in astronomy.

he would perhaps have been able to bring to hear

his knowledge that if the axis of the earth, as everything seemed to indicate, now formed a right angle

with the plane of the celutie, her various censons,

like those of the planet Juniter, would become limi-

This unprecedented temperature very occu hegan

The properties of the provinces of the state of the state

plungs into the withest speculations in his orderers to unward the differential of the me situation, and struggled into a kind of conviction that if there had been a change of manor in the earth's rotation on her axis, there would be a corresponding change in her reveal/one round the sun, which would provide the consequence of the length of the year being change in the reveal of the reveal o

row that the own. The diameter of the select disc seas now emetly twice what it collected was now emetly twice what it collected we would appear to an observer on the surface of the would appear to an observer on the surface of the pleast Venus. The most obvious inference would therefore be that the earth's distance from the sun had been dismissed from 91,000,000 to 60,000,000 had been dismissed from 91,000,000 to 60,000,000 of distance still continue, would there not be reason to face that the terrestrial world world be curried onwards to actual contact with the sun, which must result in its total apprihilation? The continuous of the salardid weather affended

Servadae every facility for observing the heavens. Night after night constallations in their hearty law stretched before his even-en alphabet which, to his mertification, not to say his rage, he was unable fixed stars, in their distance, in their relative norition with repard to each other he could charry no change. Although it is established that our sun is ammonehing the constellution of Hercoles at the although Arcturus is traveling through space at the rate of fifty-four rolles a second.... three time faster than the earth goes round the sun,-yet such is the remoteures of those stars that no suppreciable change is oridest to the stones. The fixed store

tanght him nothing.

Far otherwise was it with the planets. The orbits of Venus and Moreury are within the orbit of the earth. Venus rotating at an average distance of 66.130.000 miles from the sen, and Mercury at that of \$5,398,000. After rondering long, and as professailly as he could man these floures. Cardain Servadae came to the conclusion that, as the earth was now receiving about double the amount of light trophs, it was receiving about the same as the planet the measure in which the earth must have approximeted to the sun, a deduction in which he was confirmed when the opportunity came for him to observe Venus herself in the splendid proportions

That magnificent planet which—as Phosphorus or Lorifer, Hemerus or Verper, the evening star, the morning after or the absolutely star-has recorfailed to attract the rapturous admiration of the most indifferent charrence, here remailed herself with unprecedented glory, exhibiting all the phases of a justrous moon in ministure. Various indentations in the aptline of its cornered abouted that the solar beams were refracted into regions of its surface where the sun had already set, and proved beyond a doubt, that the planet had an atmosphere of her own; and certain luminous points projecting mountains. As the result of Servadac's computahe at a greater distance than \$,000,000 miles from

"And a very safe distance, too," said Ren Zoof. when his master told him the conclusion at which "All very well for two armies, but for a couple

of planets not quite so safe, perhana, as you may imagine. It is my impression that it is more than likely we may run fool of Venus," said the captain. "Plenty of air and water there, sir?" inquired the orderly.

"Yes: as far as I can tell, plenty," replied Scrvadar. "Then why shouldn't we go and visit Venus?"

planets were of about oqual volume, and were traveling with great velocity in opposite directions, any collision between them reset he attended with the most dissistrous consequences to one or both of them. But Ben Zoof failed to see that, even at the warst, the estastrophe could be much more serious than the collision of two railway trains.

The exptain became exasperated. "You idject?" he angrily eaclaimed; "cannot you understand that the planets are traveling a thousand times faster then the fastest express, and that if they meet, either one or the other must be destroyed? Wast would become of your darling Montmartre then?" The cantain had touched a tender shord. For a moment Ban Zoof atood with element tooth and

contracted muscles; then, in a voice of real concern, he inquired whether saything could be done to avert the calamity. "Nothing whatever; so you may go about your own insciness," was the explain's bruscies rejoinder.

All discomfited and bewildered, Ban Zoof retired without a word During the ensuing days the distance between the two placets continued to decrease, and it became more and more obvious that the earth, on her new orbit, was about to gross the sebit of Verus.

Throughout this time the earth had been making a perceptible approach towards Mercury, and that planet, which is rarely visible to the raled over and then only at what are termed the periods of its enithet of "sparkline" which the ancients were nocontemed to confer upon it, and could scarcely fail to awaken a new interest. The periodic recurrence of its phases; its reflection of the sun's rays, shedthen that received by the earth; its sizgial and its torrid rooms, which, on account of the great inclination of the axis, are scarcely separable; its equatorial bands; its mountains eleven miles high; named all subjects of observation wrothe of the

most stadious regard. But no danger was to be apprehended from Mercurr; with Venus only did collision appear immixent. By the 18th of January the distance between that planet and the earth had become reduced to between two and three millions of miles, and the intensity of its light east heavy shadows from all terrestrial objects. It might be observed to turn upon its own axis in twenty-three hours twenty-one minutes an evidence from the analtered duration of its days, that the planet had not shared in the disturbance. On its disc the clouds formed from its atmospheric vapor were plainly perceptible, as also were the seven spots, which, scroeding to Bixnchini, are a chain of case. It was you visible in broad daylight. Beosparte, when under the Directory, once had his attention called to Venue at poor. and immediately bailed it invfully recognizing it as his own peculiar star in the succedent. Captals Servadae, it may well be imagined, did not experieace the same gratifying emotion.

On the 20th, the distance between the two bodies and spain assaible diminished. The cartain had ceased to be surprised that no versal had been sent to rescue himself and his companion from their strange imprisonment; the governor general and Servadae did his best to emisin that as the two the minister of war were doubtless for differently

coronied, and their interests for otherwise en ground What amentional articles he throught most pay be teeming to the newspences! What crowds west be feeling to the churches! The end of the world approaching! the great climax close at hand!

no aleas of smoles Two days more, and the earth, shivered into a

"The Dobryon!" excluimed Servades, keeping bla-"Impossible sirl" reisined Ben Zoof: "there are "The Debruque" renested the captain, nositively. "She is under still but she is Count Timascheff's He was right. If the court were on board, a stronge fatality was bringing bire to the reseases of his rival. But no lenger now could Servedac regard him in the light of an adversary; eleganstances had changed, and all animosity was ab-

resplay atoms would be lest in broadless space? These dire forebodings, bawever, were not destuned to be real and. Graduelly the distance between the two planets been to increase; the planes of their orbits did not countile, and accordingly the dreaded retestrophy did not groupe. By the 95th Venus was sufficiently remote to preclude any fur-

ther fear of atlision. Ben Zoof gave a sigh of relief when the captain communicated the giad intellinomen. Their proximity to Vesus had been close enough to demonstrate that beyond a doubt that planet has no mace or satellite much as Cassini, Short, Mantalens of Limours, Montharron, and some other astronomers have imagined to ealet. "Rad there been such a satellite," said Servadar, "we might

here cartured it in nessing. But what can be the meaning," he added erricusty, "of all this displace-"What is that great building at Paris, cantain, with a top like a cap?" solved Ben Zoof. "Do you mean the Observatory?"

"Yes, the Observatory. Are there not people liv ing in the Observatory who could explain all this?" Very likely: but what of that?" "Let us be philosophers, and wait potiently until

we can beer their explanation." Security amiled. "The year brown what it is to be a philosopher, Ben Zoof ?" be saled Tem a soldier, sir!! was the arrest's propert refeinder, "and I have learnt to know that 'what can't

he cured must be endared." The captain made no reply, but for a time, at least, he desisted from possible himself over metters which he fall he was uttarly incorrectent to explain. But so event soon afterwards occurred

which awakened his keepest interest. About nine o'clock on the morning of the 27th, Een Zoof walked deliberately into his master's sportment, and, in reply to a question as to what he wanted ennounced with the utmost composure that a ship was in sight.

"A ship!" exclaimed Servadae, storting to his feet. "A ship! Ben Zoof, you donkey! you speak as unconcernedly as though you were telling me that my dioner was ready." "Are we not philosophura, captain?" said the

But the captain was out of hearing.

CHAPTER IX INQUIRES UNSATSFIED

Fast as his less could earry him. Sevendae had made his way to the top of the chiff. It was quite true that a years was in sight, hardly more than in the carth's convexity, and the consequent limitameets alone was visible above the water. This was smouth, however, to indicate that the ship was a echoener-en impression that was confirmed when, two hours later, she came entirely in sight.

seched in the eagerness with which he bailed the propert of obtaining some information about the recent startling and irexplicable events. During the twenty-account days that ahe had been absent, the Debryos, he conjectured, would have explored the Mediterrences, would vary probably have visited Scale. Process or Italy and accommody would canver to Greeki Island some intelligence from one or other of those countries. He reckness, therefore, catastrophs, but onen learning its couse. Count. Timaschoff was, no doubt, magnanimously coming to the rescue of himself and his orderly.

The wind being adverse, the Dobrona did not make may remid recorner; but so the weather in state of a few cleads, remained colm, and the sea was maile amouth, she was enchied to hold a steady course. It seemed unaccountable that she should not use her engine, as whorear was on brand, would be asterally impatient to reconneiter the new island, which must just have come within their The probability that appareted itself was Servador Inch it for granted that the Debraus.

ever, that the count, on discovering an island where he had expected to find the mainland of Africa. would not unlikely be at a loss for a place of anchornen. The vacht was evidently making her way and the captain was struck with the idea that he would do well to investigate whether there was any suitable barbor towards which he might signal ber. Zerbyr and Gallette were soon saddled, and in twenty minutes had carried their riders to the western extremity of the island, where they both

dismounted and began to explore the coast. They were not long in presetaining that on the forther side of the point there was a small wellsheltered creek of sufficient depth to secommedate a variet of modernia tourage. A narrow channel formed a nessear through the rides of rocks that

protected it from the open see, and which, even in the roughest weather, would aroure the calmana of its waters.

Whilst examining the rocky sheet, the centain observed, to his great surprise, long and well-defined rows of seaweed, which undoubtedly betokened that there had been a year excellerable ship and flow of the waters-a thing unknown in the Mediterranean, where there is searcely any perceptible tide. What, however, seemed most remarkable, was the manifest evidence that ever alone the highest flood (which was caused, in all probability, by the proximity of the body of which the hore dist had been so constrictions on the night of the 31st of De-

cember) the obencomence had been gradually lesson-

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the creet of an enormous wave, and carried to a

ing, and in fact was now reduced to the normal limits which had characterized it before the con-Without doing more than note the circumstance. Servadae turned his entire attention to the Dobrysa, which, now little more than a mile from shore, could not fail to see and understand his signals. Slightly changing ber course, she first lowered her maintail, and, in order to facilitate the movements

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of her belingman, soon carried nothing but her two toposite, brigantine and jib. After rounding the peak, she sterred direct for the channel to which not long in entering the creek. As soon as the sucher, imbedded in the sandy bottom, had made good its bold, a boat was lowered. In a few minutes more Count Timeschoff had landed on the island. Captain Servadae bastened towards him. First of all, count," he exclaimed impetrously, before we speak one other word, tell me what has

The count, whose importurbable composure preseated a singular contrast to the French officer's enthusiastic vivacity, made a stiff bow, and in his Russian accent replied: "First of all, permit me to express my sururies at seaing you here. I left you

you on an island." "I assure you, count, I have never left the place." "I am cuite aware of it, Captein Servadao, and I now bog to offer you my sincere spologies for failing to keep my appointment with you."
"Never mind, now," interposed the gaptain; "we will talk of that by-and-by. First, tell me what has

happened." The very question I was about to put to you. Captain Servadao." "Be you mean to say you know nothing of the cause, and can tell me nothing of the extent, of the natastrophe which has transfermed this part of Africa into an island?"

"Nothing more than you know yourseld." "But surely, Count Timsachoff, you can inform me whether upon the northern above of the Mediterranean-"Are you certain that this is the Mediterranean?

asked the count significantly, and added, "I have The captain stored in ellent bewilderment. For some moments he seemed perfectly stupefied; then, recovering himself, he began to overwhelm the ever since the lat of January, that the sure had your in the west? Had be noticed that the days had been only six bours lone, and that the weight of the atmosphere was an reach dissinished? Had he observed that the moon had quite diappeared, and that the earth had been in irreduced basard of running foul of the planet Verus? Was be aware, in short, that the entire motions of the terrestrial subere had undergone a complete medification? all these inquiries, the count responded in the affirmative. He was acquainted with everything that had

transpired; but, to Servadze's increasing actorishment, he could throw no light oren the cause of any of the phenomena.
"On the night of the 31st of December," he said, "I was proceeding by see to our appointed place

at the mercy of the terrible hurricane that raped during the succeeding days. That the Bolyman encaped at all is little less than a miragle, and I can only attribute her safety to the fact that she occupled the center of the vast cyclone, and consequently did not experience much change of pasi-He paused, and added: "Your inland is the first lend we have seen." "Then let us put out to sen at once and ancer-

height which it is beyond my power to estimate. Some mysterious force sterned to have brought

about a convulsion of the elements. Our corine

tain the extent of the disaster," oried the captele asceriy. "You will take me on heard, count, will you not?" "My warht is at your service, sir, even should you require to make a tour round the world." "A tour round the Mediterranean will seffer for the present, I think," said the cartain, smiling,

The court shock his bond. "I am not sure," said he, "but what the tour of the Mediterrangen will prove to be the four of the world." Servadae made no reply, but for a time remained

silent and absorbed in thought. After the silence was broken, they consulted as to what course was best to pursue; and the plan they proposed was, in the first place, to discover bow much of the African coast still remained, and to carry on the tidings of their own experiences to Algiers; or, in the event of the southern shere having actually disappeared, they would make their way porthwards and not themselves in communication with the population on the southern shores of

Before starting, it was indispensable that the engine of the Dobryes should be repaired: to sail under canvas only would in contrary winds and rough seen be both tedious and difficult. The stock of coal on board was adoquate for two mostles' consumption; but as it would at the expiration of that time be exhausted, it was obviously the part of prudense to coupley it in reaching a part where fuel

could be replenished The damage sustained by the engine proved to be not very serious; and in three days after her arrival the Debryns was again ready to put to sea. Servades employed the interval in making the count accusinted with all he knew about his small donain. They made an entire elecuit of the island. and both agreed that it must be beyond the limits of that airconvertised territory that they must seek It was on the lest day of Japuary that the repairs of the schooner were convicted. A slight dividual tion in the secretively high temperature which had prevailed for the last few weeks, was the coly apnarrows showen in the erroral order of things: but whether this was to be attributed to say alteration in the sarit's crick was a question which would still require several days to decide. The weather re-mained fine, and although a few clouds had accomlated, and might have caused a triffing fall of the barometer, they were not sufficiently threatening to

driay the departure of the Dahruse. of meeting, when my yacht was suddenly except on Doubts now arose, and some discussion followed, it hard to part with Zenbyr, and much more with his own favorite Galette; besides, it was advisable that there should be some one left to receive any stanceure that might possibly arrest as well as to keen an eve upon the hards of cattle which, in the dutinus prospect before them might move to be the sole recourse of the survivors of the estatrucke. Altogether, taking into consideration that the group fellow mould facur no personal wisk has remaining upon the island, the captain was induced with much rejectance to former the attendance of his servant, booing very shortly to return and to restore him to his secretry, when he had assertained

On the 31st, then, Ben Zoof was "invested with governor's powers," and took an affecting leave of his master, bearing him, if shares should sarry him near Mantenarius to assertein whether the baloved "mountain" had been left unmoved.

through the creek, and was soon upon the open seas.

CHAPTED Y

A SEARCH POR ALGERIA The Dalming, a strong craft of 200 tops burden.

had been kuilt in the famous shipbuilding yards of the lale of Wight. Her sen-going qualities were excellent, and would have amply sufficed for a circommunication of the pists

Count Timescheff was himself an asiler, but had the erestest confidence in leaving the command of his yacht in the hands of Lieutenaut Process, a man of about thirty years of age, and an excellent seamen. Born on the count's estates, the son of a serf who had been emandanted long before the famous edict of the Emperor Alexander, Process was sincerely attached, by a tie of gratitude as well as of duty and affection, to his petron's service.

After an apprenticeship on a merchant ship he had entered the imperial payr, and had already reached the rank of licutousat when the ovent appointed him to the charge of his own private yacht, in which he was accustomed to spend by far the greater part of his time, throughout the winter generally ernising in the Mediterranean, whilst in the summer be visited more parthern waters.

The ship could not have been in better hands. The Haufarant was well informed in many matters outside the pale of his profession, and his attainments were alike creditable to himself and to the liberal friend who had given him his education. He had an excellent crow, consisting of Tiglew, the engineer, four sellors named Niegoch, Tolstoy, Etker, and Penafon and Mosbel the cook. These men, without exception, were all even of the count's tenants, and so tensolously, even out at sea, did they cling to their old traditions, that it mattered little to them what physical disorganization ensued, so long as they felt they were sharing the experiences of their

lord and master. The late astounding events, bow-

the company; the magnetic needle, which in these regions had pointed about 22° from the north pale. had never deviated in the least-a proof that,

although east and west had apparently changed places, porth and south continued to retain their normal position as cardinal points. The log and the compass, therefore, were now to be called upon to do the work of the sextant and chronometer, which had become atterly unaless.

On the first morning of the cruise Lieutenant Processe, who, like most Russians, spake French fuently, was explaining these peculiarities to Captain Servedae; the count was present, and the con-

versation perpetually recurred, as naturally it would, to the phenomena which remained so inerplicable to them all "It is very orideat," said the Neutenant, "that ever since the lat of Jenuary the earth has been

moving in a new orbit, and from some unknown cause has drawn nearer to the nun." "No doubt about that," said Servadae: " and I suppose that, having crossed the orbit of Venue, we

mum elevation ever attained by the highest waves and his astonishment would have been very great to see them rising fifty or even sixty feet. Nor did those worse in the usual way partially unfind them. the solution of the receivables in which they were selves and rebound against the sides of the yearel; they might rather be described as long undulations carrying the schooner (its weight diminished from the same cause as that of the water) alternately to such beights and depths, that if Captain Servador had been subject to assaickness he must have found himself in sorry plicht. As the nitching. Parewells over, the Dobrana was carefully steered however, was the result of a long uniform swell, the vasht did not labor much barder than she would

not the less up from his consciousness that the count

castward. With a favorable wird she would ear.

tainly have made sleven knots an hour had not the

high waves somewhat impeded her progress. Al-

though ank a moderate broom was blowing the sea

was rough, a circumstance to be accounted for only

by the diminution in the force of the earth's attrac-

tion rendering the liquid particles so because that

by the mere effect of oscillation they were carried

to a beight that was cuite unprecedented. M. Arner

Storm un and commun serrend the schooner stantad

secretly particule of his own anxiety.

arried the ordinary short stone were of the Mediterranean; the main incorrectionce that was experienced was the distinction in her preser rate For a few miles she followed the line hithertopresumably occupied by the coast of Algeria; but no land appeared to the south. The shanged nositions of the element rendered them of no avail for nurscent of parties observation, nor could Lieutenant Process calculate his latitude and incritude by the altitude of the erry as his vestors has would

be uncless when applied to charts that had been constructed for the old order of things; but neverthelese, by means of the log, which gave him the rate of progress, and by the compass which indicuted the direction in which they were salling, he was able to form an estimate of his position that was sufficiently free from error for his immediate Happile the recent absormers, had no effect upon AMAZING STORIES

any city should disappear so completely? Would have a good change of running into the orbit of not the leftiest emirences of the city at least be Mercury "And finish up by a collision with the son!" added visible? Surely some portion of the Cashah must still rise above the waves? The invertal fort, too. was built upon an elevation of TEO feet. in in in-"There is no fear of that," sir. The earth has credible that it should be so totally submerged. Un-

undoubtedly entered upon a new orbit, but she is not incurring any protuble risk of being precipitated into the sun." "Can ven satisfy us of that?" asked the count. "I can, sir. I can give you a proof which I think

vest will own in conclusive. If, so you surrease, the earth in being drawn on so as to be precipitated against the sun, the great otater of attraction of our system, it could only be because the contribuent and centripetal forces that cause the planets to rotate in their reveral orbits had been entirely sucnamed in that cam indeed the earth would roule onwards towards the san, and in sixty-four days and a half the estastrophe you dread would inevitably happen."

"And what demonstration do you offer," asked Servadac eagerly, "that it will not harren?" "Simply this, captain: that since the earth enterms her your orbit half the sixty-four days has already claused, and yet it is only just recently that she has grouped the orbit of Venna hardly one third

of the distance to be traversed to reach the sun." The lieutenant passed to allow time for reflection, and added: "Moreover, I have every resson to believe that we are not so near the sam as we have been. The temperature has been ovadually diminishing; the heat upon Gourbe Island is not greater now than we might ordinarily expect to and in Algeria. At the same time, we have the problem still unsolved that the Mediterranean has systemily been transported to the counterial some," Both the count and the captain expressed themselves reassured by his representations, and ob-

served that they must now do all in their newer to discover what had become of the vest continent of Africa, of which, they were hitherto falling so completely to find a vestige. Twenty-four hours after leaving the island, the Debryon had passed over the sites where Tenen, Cherchil, Kolesh, and Sidi-Feruch open had been, but of these towns not one anneared within rease of the telescope. Ocean reigned sugreme. Lico-

tenant Process was alsolutely certain that he had not mistaken his direction: the common showed that the wind bud never shifted from the west, and this, with the rate of speed as estimated by the log, combired to aroure him that at this date, the 2nd of February, the schooner was in lat, 26° 49' N. and long, 3° 25' E., the very snot which could to have been occanied by the Algerian capital. But Algiera, like all the other coast-towns, had appearently been absorbed into the bowels of the earth.

Centain Sarvedec, with elenched teeth and knitted heros stand stroube almost forcedy reporting the boundless waste of water. His pulse beat fast as he recalled the friends and comrades with whom he had exact the last few years in that marished city. All the images of his past life deated upon his memory; his thoughts sped away to his native

Pracee, only to return egain to wonder whether the depths of ocean would reveal any traces of the Algerian metropolis. "In it not impossible," he murmured aloud, "that

less some vestions of these are found. I shall begin to suspect that the whole of Africa has been suallowed in some yeat abyea." Another circumstance was most remarkable. Not a material object of any kind was to be noticed footing on the surface of the water; not one brunch of a tree had been even drifting by nor one error be-

longing to one of the numerous yeards that a month previously had been moored in the magnificent has which stretched twelve miles screen from Cape Matafuz to Point Pexade. Perhams the depths might disclose what the surface fooled to rescal and Count Timescheff, anxious that Servaded should have every famility afforded him for solving the lead was greased and lowered. To the surprise of all, and especially of Lieutepant Process, the line indicated a bottom at a nearly uniform depth of from four to five fathems; and although the sound-

two hours over a considerable area, the differences of level were insignificant, not corresponding in any darras to what would be expected over the site of a city that had been terraced like the seats of an amphitheater. Astounding as it seemed, what afternative was left but to suppose that the Algerian capital had been completely laveled by the flood? The sen-bottom was composed of neither rock, mpd, sand, nor shells; the sounding-lead brought up nothing but a kind of metallic dust, which citttered with a strange iridescence, and the nature of which it was impossible to determine, as it was totally uplike what had ever keen known to be raised

from the bed of the Mediterranean. "You must see, lieutenent, I should think, that we are not so near the count of Algeria as you imagined. The ligutement shook his head. After nondering awhile, he said: "If we were farther away I should

expect to find a depth of two or three hundred fathoms instead of five fathoms. Five fathoms! I confess I am pureled." For the next thirty-she hours, until the 4th of February, the see was exemised and evoluted with the most unflagging perseverance. Its depth re-

mained invariable, still four, or at most fire, fathoms; and although its bottom was assideously dredard, it was only to prove it harren of marine The yacht made its way to lat, 36° north, by reference to the charts it was tolerably certain that she was equipper over the site of the Sabel, the ridge

that had separated the rich plain of the Mitidia from the sea, and of which the highest peak, Mount Bourjersh, had resched an altitude of 1,200 feet: but even this peak, which might have been expected to emerge like an islet above the surface of the sea. was nowhere to be traced. Nothing was to be done but to put about, and return in disappointment to-Thus the Dobryos regained the waters of the

fediterranean without discovering a times of the missing province of Algeria.

AN IILAND TOMB No longer then, sould there be any doubt as to the annikilation of a considerable purtion of the colour. Not marshy had there been a submersion

confirmed that the very bowels of the earth must have vacced and closed again upon a large territory. Of the rocky substratum of the receives it became more evident than ever that not a trace remained, and a new soil of unknown formation had certainly taken the place of the old sandy sea-hottors. As it altogether transcended the powers of

those on board to elecidate the origin of this extentrophs, it was felt to be incumbest on them at least to ascertate its extent. After a long and somewhat wavering discussion, it was at length decided that the schooner should take arbentone of the foureable wind and weather.

and proceed at first towards the east, thus following the outline of what had formerly represented the spent of Africa, until that count had been lost in boundless sen Not a vestion of it all remained : from Core Mata-

fur to Tunis it had all gone, as though it had never been. The maritime town of Beills, built like Algiers, amphithenter-wise, had totally disappeared; the highest points were quite invisible; not

sititude of more than 7,000 feet. Describes of her firel, the Dobruss made her way at full steam towards Cape Blaze. Neither Cape

Negro wor Care Serrat was to be seen. The town of Bizerts, once charming in its oriental beauty, had vanished atterly; its marabouts, or templegolf, which by reason of its narrow mouth had the symblence of a lake, all had disappeared, giving

of which, as still demonstrated by the sounding-line, In the source of the day the schooner rounded the noint where, five weeks previously, Cape Blanc had here so consumates an object, and the way now stemming the waters of what once had been the Hay of Tunos. But bey there was popul and

the Arsenal, the Gelette, and the two neaks of Roo-Kournely, had all vanished from the view. Came Bon, too, the most northern promontery of Africa and the point of the continent nearest to the island of Sicily, had been included in the general devan-Before the congressor of the recent product, the

tation. formed a studges ridge across the Straits of Libra-The sides of the ridge had shelved to so great an extent that, while the depth of water on the summit bad been little more than eleven fatheres, that on either hand of the elevation was little abort of a hundred fathoms. A formation such as this plainly indicated that at some remote spech Cape Bon had been connected with Cape Furina, the extremity of Sicily, in the same manner as Couts has doubtless

Lieutenast Procope was too well acquainted with

Both Timssehell and Servadas were much interested in patching the operations. At a sign from the lieutenest, a sailor who was stationed at the fact of the fore-shrouds drawed the scending-lead into the water, and in reply to Procope's inquiries, reported-"Five fatheens and a flat bottom." The next aim was to determine the arrount of degression on either side of the ridge, and for this versors the Dolowes was shifted for a dustance of

whether the enteroring vides at III eviated or

whether the sea-bottom between Sicily and Africa

had protetorns any modification

half a mile both to the right and left, and the soundings taken at each station. "Five fatherns and a fat bottom," was the unvaried amountement after each operation. Not only, therefore, was it evident that the solutorered their between Cone Roy and

Cape Furina no longer existed, but it was equally slear that the convulsion had caused a general leveling of the sea-bottom, and that the soll, degenerated, as it has been said, thto a metallic dust of unrecognised composition, fore no truce of the sponges. sea-anemones, star-fish, seo-nettles, hydrophytes,

and shalls with which the submarine rocks of the The Dobrana now not about and resumed her however, as remarkable as ever how completely throughout the younge the sex continued to be de-

news from Europa were entirely falsified, so that more and more each member of the error becan to be conscious of his faciation, and to believe that the ashooner, like a second Nosh's ark, carried the sole survivors of a calamity that had overwhelmed the carth

On the 5th of February the Dabruma named over the site of the city of Dido, the arminet Byrona Cartbage, however, which was now more completely annihilated than ever Punic Carthage had been destroyed by Scipio Africanus or Roman Carthore by Hassan the Suracen.

In the evening, as the sun was sinking below the eastern horizon, Captain Servadae was loanging mordily against the taffrall. From the heaven show, where stary kent respine fitfully from bebind the moving clouds, his eye wandered mechanically to the waters below, where the long waves were visited and falling with the evening brance.

All at once, his attention was arrested by a lumiscers speek straight ahead on the southern horisco. At first, imagining that be was the virtim of some spectral illusion, he observed it with silent attention; but when, after some mirries, he became convinced that what he saw was astually a distant Hotel, he armealed to one of the sailers, by whom bis

impression was fully corroborated. The intelligence was immediately imported to Count Timascheff and the Mentancet

"Is it land, do you suppose?" Inquired Servadec. "I should be more inclined to think it is a light on board some ship," replied the count.

"Whatever it is, in another hour we shall know all about it," said Servadae. "No, esptain," interpreted Ligatement Procept; "we shall know nothing until to-morrow."

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"What! not bear down upon it at once?" gaked indifferent execution. In the center was a tomb of the count in surprise. the very simplest kind, and shore the tomb was "No, sir; I should much rather lie to and wait suspended a large effiver lamp with a especious restill daylight. If we are really near land, I should ervolr of oil, in which floated a long lighted wick. be afraid to approach it in the dark." the flame of which was evidently the light that had The count expressed his approval of the lieuattracted Servadac's attention on the previous night

tenant's caution, and thereuron all sail was shorteard as as to keen the Dobrusa from making any considerable progress all through the hours of night. Few as those hours were, they seemed to those on hand as if their and much never come. Peneful

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lest the faint glimmer should at any moment cease to be visible. Hertor Sevendar did not out his nest upon the deck; but the light continued unchanged. It shows with about the same derroe of laster as a star of the second magnitude, and from the fact of its remaining stationary, Procope became more and more coordeed that it was on lend and did

not belong to a passing vessel. At suprise every telescope was pointed with keenest interest towards the center of attraction.

The light, of course, bad coursed to be visible, but in the direction where it had been seen, and at a distance of about ten miles, there was the distingt outline of a politary island of very small extent; rather, as the count charried, it had the armerence of being the projecting summit of a mountain all but submerged. Whatever it was, it was agreed that its true character must be ascertained, not only

to gratify their own cartonity, but for the benefit of all future maylestern. The schooner accordingly was steered directly towards it, and in less than an hour had cost anchor within a few cables' lengths. of the chees

The little island proved to be nothing more than an arid rock rising abruptly about forty feet above the water. It had no outlying roofs, a circumstance that seemed to suggest the probability that in the recent convulsion it had sunk gradually, until in had reached its present position of equilibrium,

Without removing his eye from his telescope, Servadar evelsimed. "There is a habitation on the place: I can see an erection of some kind quite distinetly. Who can tell whether we shall not come across a human being?"

Lieutenant Procope looked doubtful. The island had all the appearance of being deserted, nor did a campen-shot fired from the achooner have the effect of bringing any resident to the shore. Nevertheless, it was undeniable that there was a stone building situated on the top of the rock, and that this

moreue. The best was lowered and manned by the four saflors; Servadac, Timascheff and Procope were outskly rowed ashore, and lost no time in commencing their assess of the steen applicity. Then yeach, ing the summit, they found their progress arrested by a kind of wall, or remport of singular construction, its materials consisting mainly of venes, fragments of columns, carved hos-reliefs, statues, and portions of broken stelle, all piled promiscususly tegether without any pretense to artistic arrangement. They made their way into the endocure. and finding an open door, they passed through and soon came to a second door, size open, which ad-

"Must there not have been a custodian of the shrine?" they mutually asked; but if such there had ever been, he must, they concluded, either have fled

or have purished on that eventful night. Not a soul was there in charge, and the sole living occupants were a flock of wild comprents which, startled at the entrance of the intruders, rose on wing, and took a ramid flight towards the south An all Preach arever-hook was being on the corner of the temb; the volume was oven, and

the page extend to view was that which contained the office for the celebration of the 25th of August, A sudden revalation dashed across Servader's mind. The selecto isolation of the island tomb the over breviary, the ritual of the anciest agniversary, all combined to apprise him of the sunctity of the

spet upon which he stood, "The temb of St. Louis!" he explained, and his companions involuntarily followed his example, and made a reverential obeleance to the venerated monu-It was, in truth, the very spot on which tradition

socrets that the concuired monarch came to die, a and to which for six centuries and races his comtrymen had paid the homage of a plous repord The larm that had been kindled at the memorial shrine of a saint was now in all probability the only beacon that threw a light across the waters of the Mediterranean, and even this ere lang must itself expire.

There was nothing more to explore. The three together quitted the mosque, and descended the rock to the shore, wheree their bost re-conveyed them to the schooner, which was soon again on her southward voyage; and it was not long before the temb of St. Louis, the only spot that had survived the

mysterious about, was lost to view.

CHAPTER XII AT THE MERCY OF THE WINDS As the affrighted corporate had winged their

flight towards the south, there sprong up a sanguine hope on heard the acheoner that land might be discovered in that direction. Thicher, accordingly, it building had reach the character of an Archica was determined to proceed, and in a few hours after cuitting the island of the temb, the Dabrung was traversing the shellow waters that now covered the

peninsola of Dakhul, which had scuarated the Bay of Tunis from the Gulf of Hammunet. For two days she continued an undeviating course, and after a futile search for the court of Tunix resolved the intitude of \$4" morth. Here, on the 11th of February, there suddenly

arone the err of "Land" and in the extreme harison right shood, where hand had never been before, it was true enough that a shore was distinctly to be seen. What could it be? It could not be the count of Tripoli; for not only would that low-lying shore

mitted them to the interior of the mesous consistbe quite invisible at such a distance, but it was ing of a single chamber, the walls of which were certain, moreover, that it lay two degrees at least commented in the Arabian style by sculptures of still further south. It was soon charried that this nearly discovered land was of very irregular elevation that it extended this east and west arrows the borison, thus dividing the gulf into two assessments sections and completely concealing the island of laste which would be behind Its needling was dely traced on the Debryna's shart. "How strange," exclutional Harton Servador, "that

after sailing all this time over sea where we exneeted to find land, we have at least some more land "Strange, indeed," replied Lieuterant Procone:

"and what support to me almost as remarkable in that we have never once expelt sight either of one of the Maltese tartous or one of the Leventine solves that traffic so regularly on the Mediterra-

"Esstwards or westwards," asked the count-"which shall be our course? All farther progress

to the mouth is shorted." "Westwards," by all means," replied Servedae quickly. "I am langing to know whether anything poor Gourhi labard we might take lies Zoof on board, and then make away for Gibraltar, where an should be arre to leave accountling at least of

With his usual air of statute couriers. Court Times. scheff begged the captain to consider the yackt at his own disposal, and desired him to give the lien-Lieutenant Process, however, healtsted, and after

resolving matters for a few moments in his mind. pointed out that as the wind was blowing directly from the west, and seemed likely to increase, if they want to the roast in the teath of the weather the schooner would be reduced to the use of her engine only, and would have much difficulty in wairing and headways on the other hand he taking an contward course, not only would they have the advantage of the wind but under steam and coresas mught hope in a few days to be off the coust of Reynd, and from Alexandria or some other port they would have the same organizative of patting tidings from Europe as they would at Gibralian.

ince of Oran, and eager, too, to satisfy himself of the welfare of his faithful Ben Zoof, Servedec could not but own the reasonableness of the licutenget's objections, and yielded to the proposal that the sastward course should be adopted. The wind may sions only too threatening of the breeze rising to a gale; but, fortunately, the waves did not culminate in combines, but rather in a long swell which run in the arme direction as the vessel.

had been gendually diminishing, until it now reached an average of 20° Cent. (or 65° Pahr.), and sometimes decreased as low as 15°. That this direination was to be attributed to the change in the earth's orbit was a question that admitted of little doubt. After approaching so near to the sun as to gross the orbit of Venus, the earth must now have of ninety-con millions of miles was greatly increased, and the probability was great that it was someoximating to the orbit of Mars, that planet which in its obvertest constitution most nearly resambles our own. Nor was this supposition suggested merely by the lowering of the termerature;

server scinally stationed on the surface of Mars these phenomena was that the earth had been prometal into a new orbit, which had the form of a Very slight, however, in comparison was the revery sugar, nowever, in comparison was the reheard the Doorseas. All interest there was too much shorted in terrestrial metters, and in ascertaining what changes had taken pises in the configuration of

very elemented effines.

eine dimensions which it would assume to an ob-

the earth itself, to negwit much attention to be rold to its except movements through account The schooner kyat kenyaly on her way, but wall and to see at a distance of two miles from land.

There was good need of this pressution, for so precipitous was the above that a yearst driven smon it must inevitably have gone to poeces; it did not offer a single harbor of refuge, but, smooth and remembership as the walls of a fretress if rose to a beight of two hundred, and occasionally of three bandred feet. The wayer dashed violently against its bess. Upon the general substructum rested a massive conglomerate, the ervetallizations of which reas like a forest of gigantic payments and obeliaks.

But what struck the capterers more than anything was the appearance of singular newseas that peranded the ashole of the region. It all second to recent in its formation that the atmosphere had had no expectanity of producing its wested effect in andtening the hardness of its lines, in rounding the sharmest of its apples, or in modifying the color of its appropriate the auditor was elected merical against the sky, and its substance, smooth and nolished on though fresh from a founder's maid. elittered with the matellie bellioner that is obersetaristic of avrites. It normed impossible to come to any other constraint but that the land before them, continent or island, had been upheaved by

subterranean forces above the surface of the reaand that it was mainly compound of the same metal-He element as had characterized the dust so fre-Intensely anxious so he was to revisit the provquestly unlifted from the hettern The extreme nakedness of the entire tract was likewise very extraordinary. Elsewhere, in various quarters of the richs, there may be sterile weeks. but there are none so adminst as to be altogether unforrowed by the eravious engandered in the model residuum of the condensed water: cleambare there may be barren steeps, but noon so arid as not to afferd some hold to vegetation, however law

and elementary may be its type; but here all was During the last fortnight the high temperature bare, and bisek, and desolute-not a armetom of vitality was visible. Such being the condition of the adjacent land. it could hardly be a watter of surretae that oil the sea-birds, the albatross, the gull, the sea-mew, sought continual refuse on the schooner; day and picks they reveled fairteenly upon the wents the report of a gun failing to disloder them, and when food of any sort was thrown upon the deck, they would dort down and fight with eager verseity for

the prine. Their extrame exidity was recomised as a proof that any land where they could obtain a sostenance must be very remote. Onwards thus for several days the Dobryna followed the contour of the inhospitable coast, of which

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the features would occasionally change, commissions for two or three moles assuming the form of a feat two or three moles assumed to form of a client, when suddedly the primate installs accessed in regged continuous would again recur: just all soling there was the same absence of least-nor trace in regged continuous would again recur: just all soling there was it some absence of least-nor trace in the continuous section with the continuous section would be absenced to these should be rich the face of these should be rich the ten or continuous sections and the continuous section for continuous sections and the continuous section for expectation for complete sections.

nor after satisfy the market last over more. Literature Freeze, who had redictively inserted the outline of the newly revealed where upon the terms of the market and the terms of the market and the three at terms of the restriction of the market and the three at terms of the restriction of the market and the three contenting their previous directions of the market and the terms of the market and the market

It was residved to proceed upon the same plan as benefations, following the boundary of the land at a safe distance. Accordingly, the head of the Disryan was pointed north, making straight, as it was presumed, for the south of Europa. A bundred make, or senseable over, in that direction, and it was to be satisfyeded she would come in sight of Milts, if only that assists it incid, the bertiage in succession of Photocians Carchaphians, Stillings, or the satisfying of the same of the same of the OR Blooks, should still be undertoom the singless.

of Ebridan, abruik still be undestrayed.

But Malla, too, was gone; and when, upon the
14th, the scunding-line was dropped upon its site, it
was only with the same result so oftentimes obtained before.

"The devotation is not limited to Africa." ob-

"The demonstration is not limited to Africa," observed the count.

"Assuredly not," assented the Reutenant; adding, "and I coaless I am almost in despoir whether we shall ever accertain its limits. To what quarter of

shall ever ascertain its limits. To what quarter of Ruropa, if Europe still exists, do you propose that I should now direct your course!"
"To Sicoly, Italy, Prance!" cjensiated Servadas, experiy,—"naywhere where we can learn the truth of what has hefuller me."

"How if we are the sole survivers?" and the count, gravely. Hestor Servadae was silent; his own secret presentiment so theroughly caincided with the deaths expressed by the count, that he refrained from any-

ing another word.
The east, without derintion, still tended towards
the north. No alternative, therefore, remained thus
to take a warderly outers and to attempt to reads
the northern sheems of the Mediterranam. On the
10th day the Derbyne energy of sheet upon the
alterned way, but it seemed as if the elements had
consigned to charmed the programs. A further
temperature around the wind beset flow in the direction
of a transmer so likely was necessarily very areas.

took in all and strong his topmants, and removal as the entire Jon his agein. But the partie seems desired to the partie seems of the partie seems that the partie seems that to keep its ball upon the water, but containably reveived with assessment of the water, but containably reveived with assessment of the partie of the parties of the parties

Lastfement Process was extremely uneasy.

bouilable: slove present. Again and segric the ligitiment asked himself when would become of him and his centrardes, even if they should survive the poyl of shipvered, and gain a footing upon the clift. What resources could they expect to find upon that seems of shouldness? What loop could they retrievant to the same perform of the old continuent still senior before the same before the same through the court flowers that the same a bringe time, but through the life the same a bringe time, but through the same performance of the same and composers; confecto in the sall of their coursesses.

and in the stability of their ship, they performed their duties with standitions and unquestioning shodinon.

But notifier shill, nor courage, nor obediness could avail; all was in vain. Despite the strain put upon her engine, the schooler, here of careaus (for not even the number of the strain), was defining with the the violence of the storm), was defining with the "rife speed towards the meantain precipions, which the the beneficiarous of their situation. The even

"All over with u. stell raid Precape to the court.

I have done overything that man could do; but our case is despirate. Nothing short of a mirrade can care as zow. Within an hoiz we mant go to prices upon proder rocks."

"Let us, then, command ourselves to the providence of Hin to Whim solding is impossible," re-

"Let us, then, commend ourselves to the providence of Him to Whan solbing is impossible," resplied the court, in a caim, clear voice that could be distinctly bared by sill; and as he spoke, he reverently succevered, an example in which he was followed by all the rest.

lowed by all the rest. The description of the vessel seeming thus incritable, Lieutenant Proceps took the best measures be could to insure a few days' supply of food for any who might seesage subore. He ordered several casts of prevations and large of vaster to be inrought on deel, and saw that they were accurally habed to some surrick harvels to make them faut a few the

aship had good down.

Less and less grew the distance from the shore, but no creek, no indet, could be discoursed in the tovering wall of cifff, which seemed about to toppin

towering wall of cliff, which seemed about to toppin over and involve them in annihilation. Except a change of wind, or, as Procope observed a supernatural rifting of the rock, nothing could bring delivenance now. But the wind did not vere, and in a few minutes more the schooner was burdly three

a rew minutes more the schooler was nirely three reblizs' distance from the fixed had, All were aware that their last moment had arrived. Servidue sed the count grauped each others' hands for a long farrewell; and, tossed by the tremendous waves, the abboner was on the very point of being buried one had time to speculate upon the object of his An levelentary are broke forth from all or board. But it was no dry of terror. Right shead was a parrow ensuing in the solid rock; it was hardly forty feet wide. Whother it was a passage or not, it mettered little; it was at least a refuse; and, driven by wind and wave, the Debryssa, under the decterous guidance of the lieuteness, dashed in between its perpendicular walls.

"Quick, boys, quick? Hoist the jib, and right the

Sudden and startling as the unexpected orders were, they were executed as if by maste,

The Herstenant, who had shouled from the how.

reshed astern and took the helm, and before any-

Had she not immured kerself in a perpetual

helm P

CHAPTER XIII

A BOYAL SALDYS "Then I take your bishop, major," said Colonel Murphy, as he made a move that he had taken since "I was afraid you would," replied Major Oliphant, looking intently at the chess-board Such was the way in which a long silence was

broken on the morning of the 17th of February by the old salendar. Another day elapsed before another move was made. It was a protracted same: it had, in fact, already lasted some moreths. The players being so deliberate, and so fearful of taking a step without the most mature consideration, that even now they

were only making the twentieth move Both of them, moreover, were rigid disciples of the renormed Philider, who proporties that to play the names well in "the soul of cheer": and second.

ingly, not one payrs had been secrificed without a most vigerous defense. The men who were thus beguiling their leisure were two officers in the British army-Colonel

Heneage Finch Murphy and Major Sir John Tennie Oliebant. Remarkably similar in personal appearance, they were hardly less so in personal character. of there were tall and fair, with bushy whiskers and mustuches; both of them were phiegmatic in temperament, and both much addicted to the wearing of their uniforms. They were proud of their retionality, and exhibited a manifest dislike, verging unen contempt, for everything foreign. Probably they would have felt no surprise if they had been told that Anglo-Samus were fashioned out of some specific clay, the properties of which surpassed the investigation of chemical analysis. Without any intentional dispuragement they might, in a certain way, he commoned to two scarcerows which, though perfectly harmiess in themselves, inspire some

measure of respect, and are excellently adented to protect the territory intrusted to their guardian-English-like, the two officers, had made themselves theremuchly at home in the station abroad in which it had been their lot to be guartered. The faculty of enlocitation needs to be indigenees to the nation

an overwhelming catastrophs, which on the 1st of manesvers, he shouted again, "Look out! sharp! January had transformed an enermous rock, gurviscosed with well-nigh two thousand troops, into an insignificant itland for out to see. But although not be anid that either Colonel Murphy or Major Oliphant had made much demonstration of astonish-"This is all very peculiar, Sir John," observed the "Yes, colonel: very necoliar," replied the major.

tional standard on the surface of the moon, and it

would not be long before a colony would be estab-

company of ten soldiers of the line. This party of

The officers had a servant, named Kirke, and a

"England will be sure to send for us," said one offerr

"No doubt also will," answered the other, Accordingly, they came to the mutual resolution that they would "stick to their post," To say the truth, it would have been a difficult matter for the gallant officers to do otherwise; they had but one small boat: therefore, it was wall that

ther made a virtue of necessity, and resigned themselves to patient expectation of the British ship which, in due time, would bring vellet They had no fear of starvation. Their island was mined with subterranean stores, more than armie for thirteen men-may, for thirteen Englishmenfor the next five years at least. Preserved mest,

ale, brandy-all were in shundance; consequently, as the men expressed it, they were in this respect Of course, the physical chappen that had taken place had attracted the notice both of officers and

men. But the reversed scottion of east and west. rotation of the earth, and her projection upon a new orbit, were all things that gave them little concorn and no unessiness; and when the colonel and the major had replaced the pieces on the board which had been disturbed by the convulsion, any surerise they might have felt at the obesa-men losing some portion of their weight was quite forgotten in the satisfaction of sneing them retain

One phenomenon, however, did not fail to make its due impression upon the men; this was the dimfoution in the length of day and right. There days after the catastrophe, Corporal Pim, on behalf of himself and his comrades, solicited a formal interview with the officers. The request having been granted. Pim, with the nine soldiers, all punetili outly wearing the regimental tunic of scarlet and trougers of invisible grees, presented themselves at the door of the colonel's room, where he and his brother-officer were continuing their came. Raising his hand respectfully to his cap, which he wore noised inuntily over his right car, and searcely held on by the strap below his under lip, the corporal

waited permission to speak. After a linearing survey of the shear-board, the colonel slowly lifted his eyes, and said with official dignity, "Well, men, what is it?" "First of all, sir," replied the corporal, "we went to speak to you about our pay, and then we wish to have a word with the major about our rations." "Say on, then," said Colonel Murphy, "What is it about your pay?" "Just this, sir; as the days are only helf so long as they were, we should like to know whether our

pay is to be diminished in proportion." The colonel was taken somewhat aback, and did not reply immediately, though by some significant node towards the major he indicated that he thought the question very reasonable. After a few moments' reflection, he replied, "It must, I think. be allowed that your pay was calculated from sun-

rice to sources; there was no specification of what the interval should be. Your pay will continue as before. England our afford it. A hors of approval borst involuntarily from all

the men, but military discipline and the respect due to their officers kept them in check from any beintoryna derenatration of their satisfaction. "And now, corporal, what is your business with

me?" asked Major Olinheat. "We want to know whether, so the days are only six hours long, we are to have but two meals

The officers looked at each other, and by their elances agreed that the corporal was a man of sound "Eccentricities of nature," eaid the major, "expnot interfere with military regulations. It is true that there will be but an interval of an hour and

a half between them, but the rule stands good-four menis a day. England is too rich to gruipe her soldiers any of her soldiers' due. Yes; four meals a day." "Hurrah!" shouted the soldiers, unable this time to keen their delight within the bounds of military decorum; and, turning to the right-stout, they

marched away, leaving the officers to renew the all-However confident everyone pron the island might profess to be that succor would be sent them from their notive land-for Britain never abandons any of her sors-it could not be discussed that that succor was somewhat tardy in making its appearares. Many and various were the conjectures to account for the delay. Perhans England was ongrossed with domestic matters, or perhaps she was absorbed in diplomatic difficulties; or perchance. no tidines of the convulsion that had shattered the south. The whole party throws remarkably well up-

partment, and if the officers failed to show the same characteristic of the men, it was only because they deemed it due to their rank to curtail any indulgences which might compromise the fit of their ani-On the whole, time passed indifferently well. An Englishman rarely suffers from same, and then only in his own country, when required to conform to what he calls "the humbag of society"; and the two officers, with their similar tastes, ideas, and

dissocitions not on together admirably. It is not to be questioned that they were desply affected by a seems of regret for their last comrades and sutounded beyond measure at finding themselves the sale survivors of a currison of 1.895 men, but with true British plack and self-control, they had done the only land that was visible; for about twelve wiles to the couth there was earther island, enparently the very counterpart of what was now occarried by the Marlishman. It was only natural that than should a waken some interest even in the most importurbable minds, and there was no doubt that the two officers, during one of the rare interusin when they were not absorbed in their game, had decided that it would be desirable at least to accertain whether the island was deserted, or whether it might not be occupied by some others, like thestselves, survivors from the reneral estantrophe. Cortein it is that one morning, when the weather was tright and calm, they had embarled alone to the little boot, and been absent for seven or eight hours. Not even to Corporel Pim did they communicate the object of their excursion, nor say one syllable as to its result, and it could only be inferred from their

names were missing from the mustar-roll.

The island itself, the sole surviving fragment of

1,600 feet above the sea, was not, strictly speaking,

monner that they were quite outlefied with what they had seen; and year shortly afterwards Major Oliphant was observed to draw up a lengthy document, which was no sooner finished than it was deemally atemed and spaint with the seal of the 32rd Resiment. It was directed: To the First Lord of the Admiralty, London and kent to readiness for transmission by the first

ship that should hall in eight. But time elapsed, and here was the 18th of February without an ouportunity having been afforded for any communication with the British Government. At breakfast that morning, the colonel observed to the major that he was under the most decided impression that the 15th of February was a royal

anniversary; and he went on to say that, aithough he had received no definite instructions on the subject, he did not think that the necessar circumprevent them from giving the day its due military The major quite ecocurred; and it was mutually agreed that the occasion must be bosoved by a

Pin must be sent for. The corporal soon made his ennearonce, amarking his line, having, by a ready intuition, found a pretent for a double morning raon the liberal provisions of the commission risk do-

"The 18th of February, you know, Pim," said the colonel; "we must have a sainte of twenty-one "Very and " realist Pim a wan of few words

"And take care that your fellows don't get their arms and legs blown off," added the officer.

"Very good, sir," said the corporal; and he made his salute and withdraw. Of all the bombs, howitzers, and various species of artillery with which the fortress had been crowded, one solitary piece remained. This was a com-

horse receip leader of Sinch calibar and in default of the smaller ordnance senerally employed for the purpose, had to be brought into remisition for the royal salute. A sufficient number of charges having been provided, the corporal brought his men to the reduct, embracure. The two officers, in cocked hats and full staff uniform, attended to take charge of the proceedings. The gun was management in strict accordance with the rules of "The Artillerymen's

Manual," and the firing commerced. Not unmindful of the warning he had received. the corrected was most careful between each discharge to see that every vestige of fire was extinexished, so as to preyent an untimely explosion

while the men wace releading; and accidents, such as so frequently may public rejoidings, were all happily avoided Much to the chagrin of both Colonel Murphy and Major Oliphant, the effect of the salute fell altogether short of their anticipations. The weight of the atmosphere was so reduced that there was comnaratively little resistance to the explosive force of the games, Elecated at the carmon's mouth, and

there was consequently none of the reverberation. the rolling thunder, that ordinarily follows the dis-Twenty times had the gus been fired, and it was on the point of being leaded for the last time, when the colonel laid his hand upon the arm of the man

who had the ramred. "Stop!" he said: "we will have a hall this time. Let us put the range of the ricce to the test." "A good idea!" replied the major. "Corporal, you hear the orders."

In spick time an artillery-warm was on the sort. and the men lifted out a full-sixed shat weighting 200 lbs., which, under ordinary circumstances, the earned would earry about four miles. It was proposed, by means of telescopes, to note the place where the hall first touched the water, and thus

to obtain an arrayolaration sufficiently accurate as to the true range. Having been duly charged with newder and hall the gun was raised to an angle of something under 45", so as to allow proper development to the curve

that the reviectile would make, and, at a nignal from the major, the light was spolled to the priming. officers in one breath, as, standing open-mouthed, they hardly knew whether they were to believe the exidence of their own senses. "Is it youthle?" The diminution of the force of attraction at the earth's surface was so considerable that the half had

"Incredible!" ejaculated the colonel.

"Incredible!" echoed the major. "Six miles at leart!" observed the one "As wore than that?" regired the other

Awhile, they could at the sea and at each other in mute amazement. But in the midst of their perplexity, what sound was that which startled them? Was it more fancy? Was it the reverseration of the cannot still booming in their cars? Or was it not truly the report of another and a distant gun in answer to their own? Attentively and easuring

Steelf. It was quite distinct. There could be no "I told you so," cried the colonel, triumphently. "I knew our country would not forsake un; it is

an English ahip, no doubt." In half an hour two masts were visible above the horizon, "See! Was I not right? Our enquiry

"Yes," replied the major; "she responded to our gun." "It is to be bopod," muttered the corporal, "that

Before loor the hall was full in sight. A long trail of smoke betokened her to be a steamer; and very seen, by the aid of the gless, it could be ascontained that she was a scheener-yacht, and making attaight for the island. A fing at her reasthead fightered in the breeze, and towards this the two officers, with the keepest attention, remoctively

adjusted their classes Simultaneously the two telescopes were lowered. The colored and the major stared at each other in hinck setcolaborent, "Russian?" they graped.
And true it was that the flag that floated at the head of worder must was the blue cross of Russia.

CHAPTER XIV

When the schooner had approached the island. the Englishmen were able to make out the name "Dobruss" painted on the stern. A sinuous irregularity of the coast had formed a kind of core. which, though hardly spacious enough for a few fishing-smacks, would afford the yacht a temporary anchorage, so ione as the wind did not blow violently from either west or south. Into this cove the Dah. runs was duly signaled, and as seen as she was safely moored, she lowered her four-oar, and Court Timescheff and Captain Servades made their way at once to land,

Columel Heneagy Firsts Murphy and Major Sir John Temple Oliphant shoot, grave and prim. formally awaiting the arrival of their visitors. Cantain Servadae, with the uncontrolled vivacity natural to a Frenchman, was the first to speak,

"A joyful sight, contismen?" he avelaimed will give on unbounded pleasures to chake boards again with some of our fellow-creatures. You redoubt have escaped the same disaster as ourselves,"

But the English officers, neither by word nor greture, made the slightest acknowledgment of this familiar greeting. "What news can you give us of France, Enclard. or Russia?" continued Serwise, perfectly uncons-

closs of the stolid rigidity with which his advances were received. "We are auxious to hear saything you can tell us. Have you had communications with Buroue? Have you-

"To whom have we the honor of speaking?" at last interseed Colonel Murphy, in the coldest and most measured tone, and drawing himself up to his

"Ah! how stunid! I forest," said Servadae, with the slightest possible shrug of the shoulders; "we have not been introduced.

Then, with a ways of his hand towards his room they listened. Twice, thrize did the sound recent panion, who meanwhile had exhibited a reserve "Allow me to introduce you to Count Wasnik Timascheff."

"Major Sir John Temple Ollphant," replied the The Russian and the Englishman mutually ex-

changed the stiffest of house

AMAZING STORIES "I have the electron of introducing Contain Ser-

wardon " sold the secret in his town. "And this is Colonel Henry Pinch Murchy." More hows were interrhapped and the exercicus

beyought to its due constraion. It need bardly be said that the conversation had been corried on in by Panelous and Profithmer. - of married times that is probably in some measure to be accounted for he Facilish

The formal arellminaries of etimette being then complete, there was no longer any obstacle to a freez intercourse. The colonel, surelue to his recent to follow had the way to the apartment occurred fairth by himself and the major, which, although only a kind of casemate hollowed in the rock, recordinger reconcernal there, and all four baying taken their

seals, the conversation started Heater Servedse readend to leave all the talking to the count; and be, guite aware that the English. mer would adhere to the fiction that they could be surposed to know nothing that had transmired rownout to the introduction, felt himself obligated to resanitalate reatters from the very beginning.

"You must be aware, gentlemen," borse the cause. "that a most sixonlar estaxtronbe accorred on the 1st of January last. Its same, its limits we have utterly failed to discover, but from the anpayrance of the island on which we find me here you have evidently experienced its devastating con-

The Englishmen in ailmore bound occupi "Captain Servades, who accompanies me," con-

tioned the except. Then been most accuracy tried by the directer. Begaged as he was in an important mission as a staff-officer in Alexrin-"A French colony, I believe," interposed Major Oliphant, half shutting his over with an expression

of success indifference Servedue was on the point of making some cutting retort, but Count Timascheff, without allowing the interruption to be acticed, calmly continued his nar-

ratives "It was near the mouth of the Shellf that a cortion of Africa, on that eventful night, was transformed into an island which alone serviced; the rest.

if it had never been! The announcement seemed by no means startling to the phicamatic colored

"freiend?" was all he said "And where were you?" asked Major Oliphant "I was out at sea, equising in my yasht hard by:

and I look upon it as a mirrede, and nothing less, that I and my grew escaped with our lives." "I seneratulate you on your look," realish the major The count reasoned: "It was about a month after

the Algerian coast, and had the pleasure of meeting with my previous acquaintance, Centain Serveday, who was resident men the island with his orderly. Ben Zoof." "Ben who?" inquired the major.

*Zoof! Ben Zoof!" einculated Servadue who could scarredy about loud stough to relieve his pent-

Importon this abuiltion of the contain's column the count went on to ear: "Captain Servidae was Accordingly, he left his servent on the island in charge of his homes, and come on board the Dabrans with me. We were quite at a loss to know ryes with me. We were quite at a loss to know where we should steer, but desided to direct our

course to what reprinciply had been the east in order that we might, if possible, discover the colany of Alveria: but of Alveria not a trace remarred. The entered curled his lin, inclunating only too

that a French colony should be wenting in the sinment of stability. Servedes observed the surercilious look and half rose to his feet, but, amothering his reassfraged, took his seat again without

"The devectation, confirmed," sold the count. who neraletently referred to recognize the Frenchman's irritation, "everywhere was terrible and comniste. Not only was Alesria but but there was no trace of Tunis, except one solitary rock which was eroward by an ancient temb of one of the kings of Franco-

"Lords the Ninth, I presume," observed the

"Saint Louis," blurted out Servadae, savagely, Colonel Murphy slightly smiled. Proof seainst all interruption, Count Timsecheff,

as if he bad not beserd it, went on without pausing. He related how the schooner had received her way commands to the south and had masked the Gulf of Cabes; and how she had ascertained for certain that The smile of disdoin again crossed the colonel's

fare: he could not correct his entries that such a destiny for the work of a Frenchmen could be no matter of serurise. "Our next discours?" continued the count. "one that a new coast had been unbroved right alone in

front of the reast of Tripoli, the reclorizal formation of which was altegather strange, and which extended to the north as far as the proper place of Malta." "And Malta," cried Servadee, unable to control

himself any longer: "Malta-town, foeta soldiera, governor, and all—has vanished just like Aleeria." For a propert a cited rested upon the colonel's brow, only to give place to an expression of de-

elded incredulity. "The statement seems highly beyond(ble," he said. "Ireredible? repeated Servadeo, "Why is it that you doubt my word?"

The captain's rising wrath did not prevent the colored from replying coeffy, "Hecause Malta belongs,

"I can't help that," answered Servador, sharely "it has gone just so utterty as if it had belonged to China the great disruption that I was sailing-my engine having sustained some damege in the sheek-alone Colonel Murphy turned deliberately away from Servadae, and appealed to the count; "Do you not

think you may have made some error, count, in reckeeing the bearings of your vacht?"

"No. colonel. I am quite certain of my reekonings; and not only can I testify that Malta has disanOFF ON A COMET a few about masies

stamped with race

eaved, but I can affirm that a large section of the Mediterrange has been closed in by a new continept. After the most auxious investigation, we enald discover only one narrow opening in all the coast, and it is by following that little channel that we have made our way hither. England, I fear, has suffered orienvously by the inte estastrophe. Not only has Malta been entirely lost, but of the

Ionian Islands that were under England's protection, there seems to be but little left. "Ay, you may depend upon it," said Servadar, breaking in upon the conversation petulantly, "your great resident Lord High Commissioner has not much to congratulate himself about in the con-

dition of Corfu The Englishmen were mystified.

"Corfu, did you say?" asked Major Olisbant. "Yes, Corfu: I said Corfu," replied Servadae. with a nort of malicious triumob

The officers were speechless with astonishment The silence of bewilderment was broken at length by Count Timuscheff making inquity whether

nothing had been heard from England, either by telegraph or by any passing ship. "No," said the colonel; "not a ship has passed;

and the cable is broken." "But do not the Italian telegraphs assist you?"

"Italian! I do not comprehend you. You must mean the Spanish, surely." "How?" demanded Timasabell. "Confound it?" cried the impetient Servedne. "What matters whether it be Scarish or Italian?

Tell us, have you had no communication at all from Europe?-no news of any sort from London?" "Hitherto, none whatever," replied the colonel: adding with a stately emphasis, "but we shall be sure to have tidings from England before lour." "Whether England is still to existence or not, I

The Englishmen started simultaneously to their "Excland in existence?" the colonel cried. "Encland! Ten times more probable that France-"

"France?" shouted Servadae in a passion. "France is not an island that can be submerged: France is an integral portion of a solid continent. France, at least, is safe."

A scene appeared movitable, and Count Timaschoff's efforts to contilists the excited parties were of small avail "You are at home here," said Servadae, with as much columness as he could command; "It will be advisable. I think, for thus discussion to be carried

Followed immediately by the others, he led the way to a level piece of ground, which he considered he might fairly claim as neutral territory. "Now, gentlemen," he began baughtily, "permit

me to represent that, in spits of any loss France may have mustained in the fate of Algeria, France is ready to somer any provocation that affects ber bonor. Here I am the representative of my country, and here, on neutral ground-

"Neutral ground?" objected Colonel Murphy; "I "Neutral ground?" objected Colonel Murphy; "I beg your pardon. This, Captain Servadae, is Eng-lish territory. De you not see the English flor?" and, as he snoke, he pointed with national pride to

"That flag hee floated where it is for ages," as-"An imposture!" shouted Servades, as be Recovering his comparare in a degree, he continued: "Can you suppose that I am not aware that this island on which we find you is what remains of the

the Reitish standard floating over the ton of the

snear; "that flag, you know, has been belisted but

"Pshaw!" erred Servedec, with a contemptuous

Ionian representative republic, over which you Enghish exercise the right of protection, but have poclaim of covernment?" The colonel and the major looked at each other

in amazement Although Count Timeschoff accretic symnethized with Servadac be had carefully refrained from taking part in the dispute; but he was on the point of

interfering, when the colonel, in a greatly subdued tone, berged to be allowed to speak "I begin to apprehend," he said, "that you must be inhering under some strange mistake. There is no room for questioning that the territory here is Regisad's-England's by right of conquest; ceded to England by the Vresty of Utrecht. Three times,

indeed-in 1737, 1779, and 1782-France and Seats have disputed our title, but always to no purpose. You are, I assure you, at the present moment, as much on English soil as if you were in London, in the middle of Trafalger Square." It was now the turn of the centals and the center

to look surprised. "Are we not, then, in Corfu?" they asked, "You are at Gibraltan," replied the colonel.

Gitcaltar! The word fell like a thunderelap upon their ears. Cibreltar! the western extremity of the Mediterranean? Why, hed they not been sailing persistently to the east? Could they be wrong

in imagining that they had reached the Ionian Ia. lands? What new mystery was thin? Count Timascheff was about to proceed with a

more repress investigation, when the attention of all was arrested by a load outery. Turning round, they saw that the crew of the Dobruss was in hed dispute with the Knohish soldlers. A general abareation had arisen from a disagreement between the sailor Papofica and Corporal Pim. It had branepired that the cannon-ball fired in experiment from

the island bed not only demored one of the snare of the schooner, but had broken Panofica's pipe, and, moreover, had just graved his nose, which, for a Russian's, was unpopully long. The discussion over this mishep led to mutual recriminations, till the esilors had almost come to blows with the garrisca.

Servadae was fust in the mood to take Pacofice's part, which drew from Major Oliphant the remark that England could not be held responsible for any

accidental injury done by her cannon, and if the Russian's long ness came in the way of the ball, the Reserre must submit to the mirchenes. This was too much for Count Timsschoff, and having poured out a torrest of angry invective against the English officers, he ordered his crew to

embark immediately.

AMAZING STORIES "We shall most again," said Servadae, as they Servadae smiled intelligently, anticipating the washed off from shore. answer be was about to bear.

"Whenever was please," may the end wally The reorganized mystery hunted the minds of both the count and the centers and they felt they

could never rest till they had ameriained what had become of their respective countries. They were their worsers of investigation, and in two hours. same out of sight of the sole remaining fragment of Gibraltar.

CHAPTER TV AN ENDINA FROM THE SEA

Lieutenant Propose had been left on hourd in sharps of the Dobryno, and on resuming the voyage It was a task of some difficulty to make him understend the fact that had just come to hight. Some hours were spent to discussion and in attempting to paretrate the revolution of the situation.

There were certain things of which they were verfectly certain. They could be under no releasers. from Gourbi Island towards the east before their forther progress was arrested by the unknown abore; as rearly as possible that was fifteen degross; the length of the nearow strait by which the open sea was about three miles and a half; theree orward to the island, which they had been servered on evidence that they could not dishellens to be more the site of Gibraltar, was four decrees: while from Gibraltur to Govern Jeland was sensor degrees or but little more. What was it altogether? Was it well less than thirty degrees? In that latitude, the degree of longitude represents eight and forty moles. What, then, did it all amount to? Indebitable to less than 1 460 miles. So brief a record would bring the Dobrose once again to her startingvoiet, or, in other words, would enable her to com-

picto the circumnavigation of the clobe. How charged the condition of things! Previously, to sail from Malie to Gibraltar by an eastward course would have involved the passage of the Succ Canal. the Red Sea, the Indian Green, the Pacific, the Atlandle; but what had harmoned near? Why Gibraltan had been reached as if it had been just at Corfu. and some three hundred and thirty degrees of the

earth's circuit had vanished utterly. After allowing for a certain margin of missaleslatter, the main fact remained underiable; and the necessary inference that Lieutenant Process drew from the round of the earth being completed in 1.400 miles, was that the earth's diameter had been

reduced by about fifteen sixteenths of its length. "If that he so," observed the count, "it accounts for some of the strange phenomena we witness. If our world has become so insignificant a arbereid. not only has its gravity dimentahed, but its return speed has been necelerated; and this affords an adecusts embanation of our days and nights being thus curtailed. But how shout the new orbit in

which we are moving?" He named and nonfered, and then looked at Proelucidation of the difficulty. The lieutenest healtated. When, in a few moments, be began to speak,

"My contesture is," said Procope, "that a fragment of considerable magnitude has been detached from the earth; that it has carried with it on enunlose of the south's atmosphere, and that it is now traveling through the solar system in an orbit

that does not correspond at all with the money orbit of the courts " The honothesis was viscaible; but what a realtitude of bewildering speculations it entailed! If, in truth, a pertain mass had been broken off from the

terrestrial sobers, whither would it wend its want? What would be the measure of the constrictly of its math? What would be its period round the sun? Might it not, like a comet, he convint away into the yast infinity of mass? or, on the other hand, mucht t not be attracted to the errent captual source of light and heat, and he absorted in it? Did its orbit correspond with the plans of the cellede? and was there no chance of its ever uniting again with the clobe, from which it had been torn off by so sudden

and violent a disruption. A thoughtful silence fell morn them all, which Servadas una the first to break. "L'entenant" ha enid, "your explanation is invenious, and accounts for many emparament but it seems to me that in

"How so?" replied Procope. "To my mind the theory meets all objections " "I think not." Servadae answered. "In one point.

at least. It surpare to me to break down correlately "What is that ?" calcal the Hestenant "Stop a morecot," said the cantain. "Let us see that we enderstand each other right. Deless I mistake you, your hypothesis is that a fragment of the earth cornerising the Mediterranean and its shores from Gibraltar to Malta, has been developed into a new asterood, which is started on an inderendent orbit in the saler regions. Is not that your

"Precisely so." the lieutenest semisseed "Well then " continued Servadar, "It seems to me to be at fault in this respect; it fails, and falls complately, to account for the geological character of the isnd that we have found now encompassing this sea. Why, if the new land is a fractured of the old -why does it not vetato its old formation? What

has become of the eranite and the calcareous denealts? How is it that these should all be changed into a mineral concrete with which we have no No doubt, it was a serious objection; for, however likely it might be that a recon of the earth or

heine detucked would be eccentric in its movements. there was no probable reusen to be alleged why the material of its substance should undergo so complete a change. There was nothing to account for the fortile shores, rich in venetation, being transformed into rooks arid and barren beyond procedent. The Besterant felt the difficulty, and comed himself unprepared to give at once an adequate solution; nevertheless, he declined to renounce his theory. He asserted that the arguments in foor of it corried conviction to his mind, and that he entertained no doubt but that, in the course of time. explained to as to become consistent with the view he took. He was careful however to reshe it up.

developed that with respect to the original cause of the discretion he had so therew to offer; and although he knew what camanoon might he the result of subformance forces he did not western to east that he considered it sufficient to produce so tremendous an effect. The origin of the cotesironhe

"Ah! wall," and Surender, "I den't know that it matters much where our new little planet comes from or what it is made of, if only it carries France.

plong with 4 " "And Bussis " added the count

"And Russis, of course," said Servedes, with a nolite how There was, however, not much room for this

has brought into existence, it must be a subsere of extremely limited dimensions, and there could be little obsure that it embraced were than the mercal fraction of either Practs or Russis. As to England, the total nemetion of all telegraphic communication between her shares and Cibrolton was a sixtool revof that Roeland was beyond its correspon-

And what was the true measurement of the new little world? At Gourbi Island the days and nights were of soul length, and this seemed to indicate that it was allested on the country; house the Jintaper by which the two voice stood aren't would be half what had been reclosed would be the distance completed by the Debrana in her circuit. That distaces had been already estimated to be acceptained under 1,400 miles, so that the Arctic Pole of their recently fashioned world must be about 350 miles to the north and the Astarotic short \$50 miles to the south of the island. Compare these calculations with the man, and it is at once apparent that Provence, while the southernmost reached to shoot lat. 29" N., and fell in the heart of the dearet. The practical test of these conclusions would be made by future investigation, but meanwhile the fact appeared very much to atrengthen the presumption

towards it. The weather, ever since the storm that had driven. the Delryse into the creek, had been magnificent. The wind continued favorable, and new under both steem and canves, she made a repld progress towards the north, a direction in which she was free to so in consequence of the total disamesarance of the Spanish cosst, from Gibraltar right away to Allegate, Malney, Almeria, Capo Gata, Cartagens, Cone Pales all were cone. The sea was relified over the argibers extent of the peninsula, so that the warkt advanced to the intitude of Soville before it sighted any land at all, and then, not shores such

as the shores of Andalusia, but a high and precipitous cliff, in its replaced features resembling exactly the stern and barren rock that she had coasted beyond the site of Malte. Here the see made a decided industration on the coast; it ran with the very spot upon which Madrid had stood. But as hitherto the sea had sucrosshed upon the land, the land in its turn now encrosshed upon the sen; for a frowning headland steed out far inte the basin of the Mediterranean, and formed a pro-

a more thorough sorution that one of the sailess reised a thrill of general earstement by abouting Here, then, at length was a communication from the color world. Surely you they would find a deep ment which would throw some hight upon all the mysteries that had hancered? Had not the day now dewned that should set their speculations all

"A bottle in the sea !!

at rest? It was the morning of the 21st of Pehruary. The count, the contain, the lightenant, everybody harvied

of the Raleario Isles. Curiosity was all alive. There

was the interest interest awakened to determine

whether any pastire could be traced of Majoras

Minores or any of the group, and it was during a

deviation from the direct course for the reserves of

to the forecastle; the arboveer was destorosale and about, and all wes eager impatiance until the sunneard bettle year hanled on dock It was not, however, a bettle: it wround to be a round leather telescope case, about a foot long, and the first thing to do before investigating its conharte was to make a sareful examination of the ex-

terior. The lid was firstened on hy wax, and so negaraty that it would take a long momeralan before any water could renetrate: there was no maker's name to be deciphered; but impressed very alsing with a seal on the was were the two initials "P. H." When the scrutiar of the optside was fraished, the wer was removed and the cover orened and the

torn from a common note-book. The paper had an inscription written in four lines, which were remarkable for the profusion of notes of admiration and interrogation with which they were letterspersed: "Gallia??? 45 role on 15 for 59 000 000 1 1

Chemin parcouru de feno, à the \$2,000,000 1, 1 l There was a general sigh of disappointment. They turned the paper over and over, and handed that, if Lieutenaut Processe had not arrived at the

it from one to another. "What does it all mean?" whole treth, he had made a considerable advance. explained the court. "Something mysterious here?" said Servadac. "But vet." he continued, after a rause, "one thing

is tolerably certain; on the 15th, six days ago, someone was alive to write it." "Yes: I presume there is no ressen to doubt the sonersoy of the date," assented the court.

To this strange conglomeration of French, English, Italian, and Latin, there was no signature attached; nor wen there anything to give a cless on to the locality in which it had been committed to the waves. A teleproperate would rephably be the properly of some one on board a ship; and the

ders that had been experienced. chiected that he thought it unlikely that any one on board a ship would use a telescope-case for this persecure; and, seconditurly, he should rather be toclined to believe that the measage had been set afoat

by some sevent left alone, perchaper, open some "But, however interesting it might be," observed the ownt. To know the author of the lines to on montory stretching out beyond the proper places

AMAZING STORIES

sastable."

started, it would not have an orbit that must be it is of far greater moment to ascertain their mesning." immutable?" And taking up the paper again, he said, "Perhaps "Decidedly it would, so long as it was undisturbed we might analyze it word by word, and from its by the attraction of some openiderable body: but we must recollect that correspond to the great

whole " "What can be the meaning of all that cluster of interrogations after Gellia?" asked Servadae. Lieutenant Procope, who had hitherto not anoken. to subsuit my opinion that this document coss wary

far to confirm my hypothesis that a fragment of the earth has been precupitated into spece," Captain Servadae kanitated, and then replied.

"Even if it does, I do not see how it accounts in the least for the geological character of the new asteroid." "But will you allow me for one minute to take my supposition for granted?" said Procope. "If a new little planet has been formed, as I imagine, by disis-

tegration from the old, I should confecture that Gallia is the name assigned to it by the writer of this paper. The very notes of interrogation are significant that he was in doubt what he should

"You would prevame that he was a Frenchman?" asked the count.

"I should think so," replied the lieutenant, "Not much doubt about that," said Servadae: "It is all in French, except a few scattered words of English, Latin, and Italian, inserted to attract attention. He could not tell into whose hands the

message would fall first." "Well then " sold Count Timaschoff, "we come to have found a name for the new world we occupy." "But what I was going especially to observe," continued the Heutenson, "in that the distance,

59,600,000 leagues, represents precisely the distance on cornelyes more from the own on the 15th. It was on that day we crossed the orbit of Mars." "Yes, true," sesented the others.

"And the next line," said the heutenant, after reading it aloud "congressly registers the distance traversed by Gallia, the new little planet, in her own orbit. Her sneed, of course, we know by Kenler's laws, would vary according to her distance from the sun, and if she were—as I conjecture from the termerature at that date-on the 15th of January, at her peribalion, she would be traveling twee an fast as the earth, which moves at the rate of

between 50,000 and 60,000 miles as hor-"You think then," said Serveder, with a smile, "rou have determined the peribelies of our celd; but how about the aphelion? Can you form a judement as to what distance we are likely to be car-

"You are saking too much," remonstrated the

of the future: but I feel confident that by exceful observation at various points we shall arrive at conelusions which not only will determine our path. but perhaps may clear up the mystery about our geological structure," "Allow me to ask" said Count Timeschell "whether such a new asteriod would not be subject to ordinary mechanical laws, and whether, once

planets. Gallia must be almost infinitesimally small. and so might be attracted by a force that is irre-"Altogether, then," said Servadae, "we seem to have settled in to our entire satisfaction that we must be the population of a young little world called Gallia. Perhans some day we may have the honor of being registered among the minor planets." "No chance of that," quickly relained Lieutenant Procone. "Those minor planets all are known to

rotate in a narrow cone between the orbits of Mars and Jupiter; in their perihelis they caunot approximate the sun as we have done; we shall not he classed with them."

"Our lack of instruments," said the count "is much to be deplored; it baffles our savestigations in STREET WAY," "Ah, never mind! Keep up your courage, count?"

asid Servadae, cheerily. And Lieuterant Procope renewed his ansurances that he sutertained good kopes that every perplexity would soon be solved "I suppose" remarked the count. "that we exceed

attribute much importance to the last line; Va bene All richt!/ Parfait !!! The cardain answered "At least it shows that whoever wrote it had no muraturing or complaint to make, but was quite content with the new order

of things." CHAPTER XVI

THE REMOUN OF A CONTINENT

Almost unconsciously, the voyagors in the Dobrune fell into the habit of using Gallin as the name of the new world in which they became aware they must be making an extraordinary excursion through the realms of space. Nothing, however, was allowed to divert them from their estensible object of making a survey of the coast of the Mediterrancen, and accordingly they persevered in following that singular houndary which had revealed it.

self to their extreme estonishment Having rounded the great promontory that had barred her further progress to the north, the schooner skirted its upper edge. A few more lenrues and they curbt to be abreast of the shores of France. Yes, of France.

But who shall describs the feelings of Hector Servador when, instead of the charming outbue of his native land, he beheld nothing but a solid boundary of savage rock? Who shall neigh the look of consternation with which he giood upon the stony rampart-cleing perpendicularly for a thousand feet-that had realesed the shores of the artiling

"I confess" said the lightenest "that just at present I am not able to clear away the uncertainty south? Who shall reveal the burning ansiety with which he throbbed to see beyond that cruel wall? But there seemed no hope. Onwards and onwards the yacht made her way, and still no sign of France. It might have been supposed that Servadac's previous experiences would have prepared him for the discovery that the entestrophe which had overwhelmed other sites had brought destruction to his own country as well. But he had failed

waves of open rolling over what once had been the levely shores of Provence, he was well-nigh frantic with desparation "Am I to believe that Gourbi Island, that little shred of Algeria, constitutes all that is left of our skerous France? No, no! it cannot be. Not yet

have we reached the pole of our new world. There is-there must be-something more behind that frowaine rock. Oh, that for a moment we could scale its towering height and look hevond! By Reaven, I adjure you, let us disembark, and mount

the summit and explore! France lies beyond." Disembarkation, however, was an utter impossihibty. There was no aerobiance of a creek in which the Dobryse could find an anchorage. There was no outlying radge on which a feeting could be reined. The precipice was perpendicular as a wall,

its termest height growned with the same conelemerate of ervatallized lamella that had all along been so pronounced a funture. With her steam at high presure, the vecht reads ranid neagress towards the east. The weather remained perfectly fine, the temperature became gradually cooler, so that there was little prospect of

various accumulation in the etmounters; and nothing more than a few cirri, almost transperent velled here and there the clear agore of the sky. Throughest the dec the rule rove of the sun grosswortly lessened in its magnitude, east only faint and somewhat uncertain shadows; but at sight the stars shone with surpassing brilliancy. Of the planets, some, it was observed, seemed to be feding away in remote distance. Thus was the case with Mars. Venus, and that unknown orb which was moving in the orbit of the minor piquets; but Juditer, on the other hand had assumed splendid proportions:

Saturn was superb in its luster, and Uranus, which hitherto had been imperesetible without a telescope visible to the naked sye. The inference was irresistible that Gallas was recoding from the sun, and traveling for away across the planetary regions. On the 24th of February, after following the singum course of what before the date of the consulsion had been the creat line of the department of Var, and after a fruitless search for Hyères, the peninsula of St. Tropez, the Livius Islands, and the

gutfs of Cennes and Jouer, the Dobryse arrived upon the site of the Cape of Antibon. Here, golts memertedly, the explorers made the discovery that the massive wall of chiff had been rest from the top to the bottom by a parrow rift. like the dry bed of a mountain terrent, and at the here of the opening, level with the sea, was a little strand upon which there was just space enough

for their host to be hauled un "Joy ! for !" shouted Servadac, half beside himnelf with scriper: "we can land at inst!" Count Timescheff and the lieutenant were scarce. ly less impatient than the exptain, and little needed

his proent and repeated solicitations: "Come only Quick! Come on! no time to lase!" It was bulf-nest seven in the morning, when they ast their foot man this patried land. The hit of strand was only a few square yards to area, quite a narrow stric. Upon it might have been recogzised some fragments of that agglutination of yel-

-fust an those which formed its sides-were of the same lengilous formation on the entire coast. and had not hitherto been subject to the disorpreoution which the lunar of time recor fulls to unch A skilled replozist would grobably have been able to senion their their neuron extentific classification. but neither Servadec, Timuscheff, nor the lieutenent could pretend to any acquaintance with their specific character. Although, however, the bottom of the chasm had never as yet been the channel of a stream, indications were not wanting that at some feture time

eager to wait and examine these remnants of the

encient shore; they hurried on to scale the brights,

but manifestly had never been the bed of any moun-

tain torrent. The rooks that rested at the bottom

The narrow raving was not only perfectly dry,

it would be the natural outlet of accumulated waters: for already, in many places, thin layers of snow were glittering upon the surface of the freetured rocks, and the higher the elevation that was valued, the more these layers were found to in-"Here is a trace of fresh water, the first that Gallie has exhibited," said the count to his cornpanions, as they tolled up the precipitous path.

"And probably," replied the lieutenant, "as we ascend up shall find not only arrow but ice. We must suppose this Gallia of ours to be a sphere, and if it is so, we must now be very close to her Arctic regions; it is true that her axis is not so much inclined as to prolong day and night as at the poles of the earth, but the rays of the are must reach us here only very obliquely, and the cold, in all likelibood, will be intense," "So cold, do you think," maked Servadee, "that animal life must be extinct?"

"I do not say that, exptain," answered the lieutenent: "for however far our little world may be removed from the sun, I do not see why its temperature should fall below what provails in those outlying regions beyond our system where sky and sir are not." "And what temperature may that be?" inquired

the outsin with a shudder "Fourier estimates that even in those west upfathomship tracts the temperature never descends laster than 60° below were," said Processe.

"Sixty! Sixty degrees below sero!" cried the count. "Why, there's not a Russian could endure "I beg your parden, count. It is placed on rec-

and that the English have survived it, or something quite approximate, upon their Arctic expeditions, Whee Capteon Perry was on Malville Island, he Precept. As the explorers advanced, they reemed glad to

pease from time to time, that they might recover their breath; for the air, becoming more and more rarefied, made respiration nomewhat difficult and the ascent fatiguing. Before they had reached an altitude of 600 feet they noticed a sensible diminution of the temperature: but neither sold nor fatigue deterred them, and they were resolved to persevers. Fortunately, the deep strip or furrows in the surface of the rocks that made the botters

He shook his head mournfully. "Orbe fronto, snes illows," continued the count-"Though the world be shattered, hope to unimpaire4 Servadas smiled faintly, and walled that he felt rather commelled to take up the despairing cry of Dante, "All hope abandon, we who enter here." "Nex. not so," anywered the count: "for the year. ent at least, let our maxim be Nil desperandum?"

CHAPTER XVII

A SECOND ENSURA

began to discuss the opestion whether it would not

now he destrable to make their way back to Gosrebi

luland, which was apparently the only spot in their

new world from which they could hope to derive their future sustenance. Captain Servadar tried to

console himself with the reflection that Gourbi Is-

land was, after all, a fragment of a French colony.

and the plan of returning thither was on the point

of being adopted, when Lieutenant Process remerked that they ought to remember that they had

not hitherto made an entire circuit of the new

"We have," he said, "neither investigated the

porthern above from the site of Core Antibes to the strait that brought us to Gibraltar, nor have

we followed the southern shore that stretches from

the strait to the Gulf of Cobes. It is the old count.

and not the new, that we have been tracing; as

yet, we cannot say positively that there is no out-

let to the south; or yet, we cannot assert that no

oasis of the African desert has escaped the catte-

troobe. Perhaps, even here in the porth, we may

find that Italy and Simily and the larger islands of

the Mediterranean may still maintain their exist-

"I entirely concur with you" said Owed Time-

Servadae, although he acknowledged the justness

scheff, "I quite think we ought to make our survey

of the confines of this new besin as complete as

of these observations, could not help pleading that

shores of the sea on which they were ending

Upon re-emberking, the bewildered explorers

for two hours more that they succeeded is reaching the summit of the chill. Raporly and anxiously did they look around. To the south there was nothing but the sea they had traversed; to the porth, nothing but one drear, in-Servadae could not suppress a cry of dismay.

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Where was his belowed France? Had be existed this entrops height only to behold the racks carneted with ice and snow, and reaching interminably to the far-off bortson? His heart sunk within him. The whole region appeared to consist of nothing but the same strance, uniform mineral conglemerate cevatallized into regular bezagonal prisms. But

whatever was its geological character it was only too evident that it had entirely replaced the former Europe could be discerned. The lovely scenery of Provence, with the grace of its rich and undulating landscape; its gardens of citrons and ovanges rising tier upon tier from the deep red soil-all, all had vanished. Of the veretable kingdom, there was not a single representative; the most meager of Arctic plants, the most imignificant of lichens could obtoin no held upon that stony waste. Nor

did the animal world assert the feeblest sway. The mineral kinedom reserved autorome. contrast to his general bilarity. Silent and tearful he stood men an ice-bound rock, straining his eyes across the boundless vists of the psysterious territory. "It campot be?" he exclaimed. "We must somehow have relatation our hearings. True, we have encountered this burrier; but France is there inword! Yes, France is there! Come, count, come! Ry all thet's mitiful. I entreat you come and ex-

plore the farthest verpe of the ice-bound truck!" He maked onwards along the rursed surface of the rock, but had not proceeded far before he came to a sudden pause. His foot had come in contact with something hard beneath the mow, and, stooping down, he picked up a little block of stony substance, which the first glance revealed to be of a peological character altogether alian to the universal rocks around. It proved to be a fragment of discolored marble, on which several letters were

inscribed, of which the only part at all decipherable was the syllable "Vil" "VII-Villa!" he oried out, in his excitament dropping the martie, which was broken into atoms

by the fall that once had stood on this unrivaled site? Was it not the residue of some edifier that had enouned the luxuriant headhinds of Antibes, overlooking Nice, and commanding the corpora paperama that embraced the Maritime Algo and reached beyond Monaco and Mentone to the Italian height of Bordieters? And did it not give in its and and too convincing testimony that Antibes itself had been

upon the shattered marble, pensive and dis-

Count Timeschoff laid his hand kindly on the

cuptain's shoulder, and said, "My friend, do you

not remember the motto of the old Hope family?"

beartened

the explorations might be deferred until after a visit had been paid to Gourbi Island. "Depend upon it, captain, you are mistaken, replied the lieutenant; "the right thing to do is to use the Debrusa while she is available." count, comewhat taken by surrelee

possible before we withdraw."

"Available! What do you mean?" saked the "I mean," said Procope, "that the further this Gallia of ours recedes from the sun, the lower the temperature will fall. It is likely enough, I think, that before kee the see will be frozen over and

navigation will be impossible. Already you have learned secrething of the difficulties of traversing a field of ice, and I are core, therefore, you will acquiesce in my wish to continue our emplorations while the water is still open." "No doubt you are right, lieutenant," said the involved in the great destruction? Serveduc cased

count. "We will continue our search while we can for some remaining fragment of Europe. Who shall

vivors from the catastrophe, to whom it might be in our power to afford assistance, before we go into our winter quarters?

Generous and altorether unselfish as this sentiinterest that they should become accusinted, and of possible establish framely relations, with any burners behaldtant who might be sharing their own strange destiny in being rolled away upon a new planet into the infinitude of space. All difference of race, all distinction of nationality, must be merged into the one thought that, few as they were, they were the sole surviving representatives of a world which it seemed exceedingly improbable that they would ever see amon; and common sense distaked that they were bound to direct all their ener-

gues to invere that their asteroid should at least have a united and sympathizing permission. It was on the 25th of Petruary that the yacht left the little creck in which she had taken refuse, and setting off at full storm castwards, she continued her way along the northern shore. A brisk breeze tended to increase the keccuses of the temperature. the thermometer below on an awerson about two degrees below zero. Sait water freezes only at a lower temperature than fresh; the course of the Dateurg was therefore universeled by ice but it could not be concealed that there was the greatest

necessity to maintain the utmost possible speed. The nights continued levely; the chilled condition of the atmosphere prevented the formation of slouds: the constellations sleamed forth with ussullied luster; and, much as Lieutenant Procope, from nautical considerations, mucht recret the absense of the moon, he could not do otherwise then own that the magnificent nights of Gallis were such as must awaken the esthusiasm of an astronomer. light, the heavens were lituralizated by a superb shower of falling stars, far encoding, both in normher and in brilliance, the phreamers which are commonly distinguished as the August and Nevember meteors: in fact, Gallia was nossine through that meteoric ring which is known to lie exterior to the earth's orbit, but almost compentric with it. The rocky coast, its metallic surface reflecting the glow of the deading luminaries, spacered literally stippled with light, whilst the sax, so though spattered with learning hallstones, shops with a phosphere-

scence that was perfectly splendid. So great, howfreen the san, that this metsoric storm lasted ecarody more than four and twenty hours. Next day the direct progress of the Debrons was arrested by a long projection of land, which obliged her to ture southwards, until she reached what of Carsica. Of this, however, there was now no trace; the Strait of Bonfecie had been replaced by appearance of being atterty desert; but on the fullowing merning the explorers uncanestedly sighted a little island, which, unless it should prove, as was

ernment territory of Sardunia. The Dobryng approached the land as nearly as wen product, the bost was lowered, and in a few minutes the count and Servadae had landed upon the talet, which was a mere plot of meadow land. not much more than two acres in extent, detted here and there with a few myrtie-bushes and lentisks.

words a solitary she-cost came bounding towards the shore. The creature had dark, almost black hadr, and small curved horns, and was a specimen of that domestic breed which, with considerable man's cow." So far from being alarmed at the presence of strangers, the cost run nimbly towards them, and then, by its movements and plaintive cries, seemed to be entiring them to follow it. "Come," said Servadse; "let us see where it will head us: it is more than probable it is not alone." The court agreed; and the azimal, as if comprehending what was said, trotted on gently for about a hundred paces, and stopped in front of a kind of

interspersed with some ancient olives. Having ancortained as they imprined that the root was de-

void of living creature, they were on the point of

returning to their boot, when their attention was

care or hurrow that was half cancooled by a evoyeof lentisks. Here a little girl, soven or eight years. of age, with rich brown hair and lastrous dark even, beautiful as one of Murillo's anguls, was perping abyly through the branches. Apparently discovering nothing in the aspect of the strangers to excite her apprehensions, the child auddenly owned confidence, darted forwards with optstretched hands, and in a voice, soft and melodious as the language which she spoke, said in Italian; "I like you; you will not hurt me, will you?" "Hurt you, my shild?" answered Servadee. "No

indeed; we will be your friends; we will take care of you." And after a few moments' scrutiny of the pretty maiden he added. "Tell us your name, little one," "Nina!" was the child's renir

"Well, then, Nina, can you tell us where we

"At Madaleon, I think," said the little girl; "at least, I know I was there when that dreadful shock came and altered everything."

The count knew that Madalena was close to Capyers, to the north of Sardinia, which had entirely disappeared in the disputer. By dist of a series of questions, he gained from the child a very intelligent account of her experiences. She told him

ever, was the speed at which Gallie was receding that she had no parents, and had been employed in taking care of a flock of goats belonging to one of the landowners, when one day, all of a saiden everything around her, except this little piece of land, had been swallowed up, and that she and Marry, her pet peat, had been left suite alone. She went on to say that at first she had been very frightened; but when she found that the earth did not shake any more, she had thouled the event God and had seen made herself very happy living with Marsy. She had enough food, she said, and had been

walting for a boat to fetch her, and now a boat had come and she was quite ready to go away; only only too likely, to be of recent prints they concluded. they must let her coat on with her; they would both like so much to get back to the old farm. "Here, at least, is one rice little inhabitant of

Guilla," said Captain Servades, as he careased the child and conducted her to the boot Half an hour later, both Niza and Marry were andely currentered on board the works. It is readless to say that they received the heartiest of walcomes. The Russian spilors, ever superstitions, assessed almost to regard the coming of the child as the appearance of an angel; and, incredible as it may seem, more than one of them wondered whether she had wings, and amongst themselves they commonly referred to her as "the little Madento. Soon out of sight of Madalena, the Debryna for some hours held a southeasterly course along the

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shore, which here was fifty leagues in advance of the former const-line of Italy, demonstrating that a new continent reast have been formed, substituted as it were for the old peninsula, of which not a vestige could be identified. At a latitude corresponding with the latitude of Rome, the see took the form of a deep guif, extending back for beyond the site of the Elernal City; the coast making a wide sweep round to the former position of Calahris, and jutting far beyond the cutline of "the boot," which Italy resembles. But the bessess of Measing was not to be discoved; no trace, todaed, survived of any portion of Sigily; the very peak

of Etra. 11.000 feet as it had roared itself above the level of the sea, had vanished atterly Another sixty leagues to the south, and the Dobsuen sighted the entrance of the simil whith had afforded her so providential a refuge from the tempest, and had conducted her to the fragmentary refin of Gibraltar. Hence to the Gulf of Cabes had been already explored, and as it was universally allowed that it was unnecessary to renew the search in that direction, the lieutenant storted off in a trensverse course, towards a point hitherto uninvestigated. That point was recebed on the 3rd of March, and thence the coast was continuously followed, as it led through what had been Tunia, across the province of Constantine, away to the ceals of Ziben; where, taking a sharp turn, it first reached a latitude of 32" N, and then returned again, thus forming a sort of irregular gulf, entlosed by the same unvarying horder of mineral concrete. This colossal boundary then stretched away for nearly 150 leagues over the Sahara desert, and, extending

Morocco had still existed, would have been its Adapting her course to these deviations of the coastline, the Dobrous was eterring northwords, and had harely reached the limit of the buy, when the attention of all on board was arrested by the phenomenon of a volcano, at least 3,000 feet high, its evoter erowned with article, which occasionally was streaked by tongues of firms. "A burning mountain!" they excloimed.

natural frontier.

TOTAGE."

"Gallia, then, has some internal heat," enid Servades. "And why not, captain?" rejoined the lieutenent.

"If our asteroid has carried with it a partion of the old earth's atmosphere, why should it not likewise retain something of its cantral fire?" "Ah, well?" said the exptain, shrugging his "An, went" that the exptein, struggling his shoulders. "I dare say there is caloric encush in our little world to supply the wants of its popula-

tion." Court Timuscheff interrupted the silence that followed this conversation by saving, "And now, gentlemen, as our course has brought us on our way some more towards Gibralter, what do you say to our renewing our acquaintance with the Englishmen? They will be interested in the result of our

"For my part," said Serundar, "I have no desire that war. They know where to find Gourha liberal; they can betake themselves thither just when they please. They have pleaty of provisions. If the water freezes, 120 learnes is no very great distance. The recention they cave us was not so cordial that we need put correctives out of the way to repeat our visit " "What you say is too true," replied the count.

"I bops we shall show them better manners when they condenoused to visit us." "Av." said Servador, "we must remember that we ere all one people now; no longer Russian, French,

or English. Nationality is extinct,"
"I am sadly afraid, however," continued the count, "that an Englishman will be an Englishman over."

"Yes," cald the captain, "that is always their And these all further thought of making their way again to the little garrison of Gibroltar was

But even if their spirit of courtesy had disposed them to renew their acquaintance with the British officers, there were two circumstances that just than would have rendered such a proposal very inadvisable. In the first place, Lieutenest Procupe was convinced that it could not be much longer now before the sea would be entirely frozen; and hesides this, the consumption of their coal through the sneed they had maintained, had been so great that there was only too much reason to fear that fuel would fall them. Anybow, the strictest econthat the voyage should not he much protoured. Bewond the volcanic peak, moreover, the waters seemed to expend into a boundless ocean, and it might be a thing full of risk to be freezn up while the yacht was so inadequately previsioned. Taking all these things into account, it was agreed that further investigations should be deferred to a more favorable season, and that, without delay, the Dobryno should return to Gourbi Island.

This decision was especially welcome to Bector Serveder, who, throughout the whole of the last five weeks, had been agitated by much anxious thought on account of the faithful servent he had The transit from the volcano to the island was

not long, and was marked by only one noticeable incident. This was the finding of a second mysterious document, in character precisely similar to what they had found before. The writer of it wee evdently engaged upon a salrelation, probably continued from day to day, as to the motions of the planet Gellia upon its orbit, and committing the results of his reckenings to the wayer as the channel of communication

Instead of being enclosed in a telescope-case, it was this time errored in a preserved-most tin. bermetically scaled, and stamped with the same initials on the wax that featured it. The greatest contain the following message:

"Gallia (7) Ab sole, su 1 mars, dist. 78.000.000 1 Chemia usrcoure de fév. à mars: 59 000.000 1 f. Va bene! All right! Nil desperandure! Enchanté!"

"Another enigma?" eachtimed Servidae; "and had wondered how his present violantation would still no intelligible signature, and no address. No end, and he had felt some misgrings as to whether clearing use of the numbers!"

"I have no doubt, in my own mind," said the count, "that it is one of a series. It seems to me probable that they are being sent broadcast upon the san,"

"I wonder where the hare-brained counct that writes there can be Briley's observed Servedue.

"Very likely he may have not with the fate of Ranya anteneded astronomer, who found himself at the bottom of a well."
"Aye; but where is that well?" demanded the orgism.
This was a question which the count was incapable of settling; and they could only speculate

Into was a question within the count was incapable of settling; and they could only speculate afreeh as to whather the author of the riddles was dwalling upon some solitary inland, ee, like themselves, was navigating the waters of the new Mediterwanean. But they could detect nothing to write

literates. But they could detect auching to guide them to a definite function. But document for them to a definite function. But document for some time, Interferent Propose proceeded to obsistence as genuins, and associately, taking this stated as genuins, and associately, taking this control of the second of the second of the second January, the distance traveled by the plant (largeterization fails), but here recorded as ES, was only \$40,000 Web (large-m d) difference of 22, was only \$40,000 Web (large-m d) difference of 22, \$60,000 when the plant from the som, which on the distance of the plant from the som, which on the

of 10-00 of the control of the contr

the material to determine its eccentricity,"
"As the writer adheren to the appellation of Geille, do you not think," saided the count, "that we might call these new waters the Geillen Sea".
"There can be no reason to the contrary, count,"

reglied the Sentenari; "and as such I will insert it upon my new chart."
"Our friend," said Servadae, "seems to be more and more gratified with the condition of things; not only has be adopted our metty. NR despress-

dues? but see how enthusiastically be has wound up with his 'Enchante?"

The conversation dropped.
A few hours later the man on watch sanounced

that Goarbi Island was in sight.

AN UNEXPROTED POPULATION

THE Debyses was now back again at the island. Her cruise had lasted from the Sist of January to the 6th of March, a period of thirty-free days (for it was long year), corresponding to seventy days as acceptibility by the new little world.

Marry a time during his absence Hector Servadae.

appendix of the property of th

see his faithful enderly, so that it was not without

ametica that he had arespected the court of the

sole remaining fragment of Algerian soil. But his

pones as every very central as a bearing in servage, and uttering designing and discount of the major which free time is time the noise of the report of a gue could be plainly distilligated. The Drivyus algorithm for servant principles for the property of the Shidi. However, the servant of the Drivyus are servanting, gard in hand, though the shore, in observanting, gard in hand, though the shore, in observanting that the hart ridge of roots at a single bround, and then audically halted. For a few seconds he should many that the sandardy halted. For a few seconds he should many that the sandardy halted.

isolates, in cell correct, as a point sense affects you'd distant, his whole attitude inflicating submission and respect; but the sight of the capata, who was banding, was to ource for also quasianity, and durting farward, he select his monte? head on everal it with kines. Instead, however, of utility any conjunctions of webome or rejecting any conjunctions of webome or rejecting any conjunctions of webome or rejecting the root when the conjunction of the conjuncti

"Thieves, captain! heastly thieves! Bedouins! pirates! devils?"
"Why, Ben Zoof, what's the matter?" said Ser-

value southingly.

"They are thicves! downright, desperate thiswas those inferred birds." That's what's the natiser. He is a good thing you have come. Here have I for a whole most home spending my power and above upon them, and the more I all them, the wares they great the second of the second o

tee much cause for shirm. The crops had ripread repolity during the executive best of January, when the orthir of Gaillis was being traversed at the perbellets, and were now expected to the deprehending the control of the control of the control of the number of stocks attended the industry of Res Zood during the time of the Dolynesis vessing, it was only to apparent that the portion of the harvest that remained ungathered was labele to the most

only too apparent that the portion of the harvest that remained ungathered was likely to the most imminent risk of being utterly devoured. It was, porhaps, only actural that this clustered mose of birds, as representing the whole of the feathered of the part has surface of Gallia, should resert to the only not from which they used as surfaces. Of this only not from which they used as sustained at all; the at this surfaces would be obtained at

the expease, and probably to the sections detriment, of the human population, it was absolutely necessay that every possible resistance should be made to the descatetion that was threatened. Once estimated that Servador and his friends would become the with him in the raid some "the thirms."

could then be obtained: it would therefore he seem-Ben Youf houses calm and content and house to make various incurres. "And what hes become." sary, if the exact duration of Gallia's year should he said, "of all our old convades in Africa?" ever he calculated, to proportion the number of "As far as I can tell you," answered the captain,
"they are all in Africa still; only Africa ion't by animals to be reserved to the real length of the The next thing requisits was to arrive at a true

any manny where we espected to find it." "And Prance! Montmartre?" continued Ren Zeof correly. Here was the ery of the near fellow's

As briefly as he could, Serveduc endeavoyed to everyon the true condition of thiness he tried to experient the true committee of things; he tried to ney, the whole world was more than sighty millions of leagues away from Greeki Island; as gradly and continuals as he could be expressed his fear that they might perce see Europe, Prepos, Paris, Mard-

"No. to, sir!" uretested Ben Zoof emphatically: "that is all nonzense. It is altogether out of the question to suppose that we are not to see Montmartre again." And the orderly shock his head resolutely, with the air of a man determined, in

spite of argument, to adhere to his gen onities. "Very good, my brave fellow," revited Servadar. The means on home while you may The means on home come to us over the sea. 'Never despoir': but one thing recentbales, is setting we must forthwith commence arrangements for making this island our

Cautala Semadas new led the way to the sworth. which, by his serrent's exertions, had been entirely rebuilts and here he did the honors of his modest establishment to his two guests, the count and the Restouest, and gave a welcome, too, to little Nine. who had accommonied them on shore, and beforest

whom and Ben Zoof the most friendly relations had already been established. The adingest building continued in good preserve. tion, and Captain Servadac's satisfaction was very great in finding the two horses. Zenbyr and Galette. comfectably boosed in there and in good condition, After the solovment of some refreshment, the

party proceeded to a general convultation as to what stone must be taken for their future welfare. The most seessing matter that came before them was the consideration of the means to be adopted to enable the inhabitants of Gallia to service the terrible cold, which, in their ignorance of the true cocentricity of their orbit, might, for anght they knew, last for an almost indefalte period. Fuel was far from abcodant; of coal there was none; trees and abrute were few in number, and to cut them down in prospect of the cold seemed a very questionable policy; but there was no doubt that seems expedient report he deviced to present disnoter.

The victualing of the little colony offered no immediate difficulty. Water was shundard, and the cistarss could hardly fall to be repleasable by the numerous streams that measdered along the plains; over, and the melted ice, (water in its congested state being diseated of every narticle of sait) would afford a supply of drink that could not be exhausted. The ercon that were new ready for the harvest, sad the firety and hards seathered over the island, would form an ample reserve. There was little doubt that throughout the winter the soil would remain unpro-

ductive, and no fresh folder for demeater animals

estimate of the propher of the possistion. Without including the thirteen Englishmen at Gibralter, about whom he was not particularly disposed to eice birealf much concern at present, Servadar out down the names of the sight Russians, the two Presidence and the little Steller old slowe in all as the entire list of the inhabitants of Goorbs le-

"Oh, nardon me," interposed Ben Zoof, "you are reintaking the state of the case alterether. You will be surrecised to leave that the total of recole on the itland is double that. It is twenty-two." "Toursty-dwell" exclaimed the cantain: "twentytwo people on this island? What do you mann?"

"The apportunity has not occurred," answered Ben Zeof, "for me to tell you before, but I have had "Euplain verrealf. Ban Zoof," said Servulae. "What company have non had?" "You could not surpose," replied the orderly.

"that my any unstained burds rould have never, plished all that harvest work that you see has been dene." "I confess," said Lieutenant Procope, "we do not seem to have noticed that

"Wall, then," said Ben Zoof, "if you will be send enough to come with me for about a mile, I shall he able to show you my companions. But we must take our guns." "Why take our guns?" asked Servadac, "I houe

we are not going to fight." "No not with man" anid Ren Youf- "but it does not answer to throw a chance away for giving battle to those thieres of birds." Leaving little Nins and her gost in the gourhi, Servadac, Count Timescheff, and the lisutenant, greatly mystified, took up their guns and followed the orderly. All along their way they made unsporise singetter of the hirds that hovered over

and around them. Nearly swert precise of the feathered tribe seemed to have its representative in that living sloud. There were wild ducks in thonsands; arope, larks, rooks, and swaltows; a countless variety of sea-birds-widgeons, gulls, and seamens; beside a quantity of game-qualle, partriages, and woodcocks. The sportsmen did their best; every abot told; and the descriptors fell by dozen on either band. Instead of following the northern above of the

island, Ben Zoof out obliquely across the pinin. Making their progress with the sowonied rapidity which was attributable to their specific lightness. near a grove of sycamores and encolyptus massed Hern they bolted.

in nietureasus confusion at the base of a little hill. "Ab! the varaboods! the recols! the thisxas?" auddealy exclaimed Ben Zoof, stamping his foot

with rose. "How now? Are your friends the birds at their prenks again?" asked the captain. "No. I don't more the birds; I mean those larr hereure that are shirking their work. Look here-

you to see instace done?"

to some synthes, and sickles, and other implements of hersbondry that had been left upon the ground. "What is it you mean?" saled Servados, getting somewhat impolient. "Rush, both listen?" was ell Ben Zood's reply; and he rained his finger se if in warming. Listening attentively. Servador and his associates

Leading statement, developed an associated could distinctly recognize a human voice, accompanied by the notes of a guitar and by the measured click of castomets.

"Spentards!" said Servadue.
"No mistake about that, sir," replied Ban Zoof;

"Spaniards" said Servadar.

"No mistake about that, sir," replied Ben Zoof;
"No mistake about that, sir," replied Ben Zoof;
"Spaniard would rattle his castacts at the conner's menth."

"But what is the meaning of it all!" saked the captain, more pussed than hefere.

"But what is the meaning or it all?" siked the captain, more pusside than hedre. "Hark!" said Ben Zoof; "it is the old man's turn." And then a voice, at once gruff and harsh, was

heard veciferating, "My money! my mensy! when will you pay me my mensy! Pay me what you owe me, you minerable major." Meanwhile the song continued:

earwhile the song centinued:

"Tu zandanpa y ciparro,
Y son cana de Jerez,
Mi invelos y un trabuca.

At paretpo y in trobico, Serrador's knuwledge of Gaucon enabled him partially to comprehend the rolliciting tenor of the Spanish particle sir, but his attention was again arrested by the voice of the old man grawling any-

agely, "Pay me you shall; yee, by the God of Ahraham, you shall pay me."
"A Jew?" exclaimed Servadae.

A over "exchange of the little of the little

iowed was irrensistibly comic. Four sturdy major had dwaged abong with them an old man incapitation, and compailed thin, notices are studied and disciplination, and compailed thin, notices with the studied and disciplinating above the bank of follings, their grotespae sattitudes, combined with the pitiality continues the studied of the studied of the studied to otherwise than recall most forcibly the story of other studied of the studied

Servadas, the count, Process, and Ben Zord sow preceded to make their way through the thelect until they exact to a little belief, where two progressions are the second to the second to the tight the gritter, and the other a pair of estimates both were emploing with insplict, as they arend in their music, and second the second to the second in their music, and samultaneously the discers. The Evaluation and office discovered or was the 4 sec, the ranked with an effort towards Servadae, and continued in the second towards and the second continued in Processing Servadae, and the second towards continued in Processing Servadae, and the second towards continued in Processing Servadae, and the second towards and continued in Processing Servadae, and the second Processing Servadae, and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards and the second towards and second towards and the second towards

These rearsh defraud me of my rights: they rela

his moster understand that he was to play the part that was implied by the title. He took the case, and promptly cedered the low to hold his tongue at once. The man browd his bead is nervise submission. The man browd his bead is nervise submission. The man browd his bead is nervise submisles. Streadle surveyed him liturely. He was a man of about fifty, but from his appearance might will have been taken fine at leout ten years older. Small and kiting, with eyes height and curning, a holded

The cartain glanced inquiringly towards Ben

Zoof, and the orderly, by a significant ned, made

one long hands, he presented all the typical constructions of the construction of the

spret upon the sea, his real trainers keing that of the Modon asserbant training at all the ports of the Modcolors burden, conveyed his values steels of meetings. The contraining the contract of the steel of the contraction of the contract of the contraction of the contract of the contraction of the contraction and plant of the relations of countered, reason a localize match to the relation of countered, reason as the contract of the conlabel when the contract of the contract of the contraction of the contract of the disease, as and, with the contract of the contract of the conlation of the contract of the contraction of the contraction of the contract of the contraction of the contract of the contraction of the contraction

to be abover well supplied with the preduces in one at general demand—outler, regar, rise, thoses, cotton sinfit, and susponder—and bring at all continues and a supponder—and the property of the property of the property of the property of enals wealth. The property of the property of enals wealth of the cloth, the prior to the count of Morecco ansetly opposite Gleraltz. The mute and flowes safely and dip gas on sheer, and, in onetically disappeared; but the most projecting role of Cesta had been undisturbed by the general contact public and the contract of the property of contact public and the contract of the contract public public and the contract of the contract public publi

timby distinguistic list the most projection residence of Greats had been undistinguistic by the general conterptops, and half a source of figurations, but the content of the content of

had occurred. The one thing noon which they

could not fail to be conscious was that they had

po prospect of obtaining provisions, and consec by their first hundress was to devise a scheme for petting symy from their present abode. The House was lying off abore. The Speniards would not have had the aboutont hesitation in summarily taking

AMAZING STORIES

this," be said.

at present imagine."

possession of her. but their other inversers of seemanship made them rejuctantly come to the couchssion that the more prudent pelier was to make terms with the owner. And now same a singular part of the story. Negrata and his commentors had meanwhile re-

enixed a visit from two English officers from Gibralter. What passed between there the Jew did not brane : he cally know that immediately after the conclusion of the interview. Nearets come to him and ordered him to set sail at once for the nearest point of Morocco. The Jew afraid to discher, but with his eye ever post the main chance, stimulated that at the end of their vayage the Spaniards should pay for their passage-terms to which, as they would to any other, they did not demur, knowing that they

had not the ellightest intention of giving him a The Hansa had weighed anchor on the fird of Pehroner. The seind bless from the usest and conequently the working of the turtan was easy enough. The unpracticed sailers had only to hoist their sells and though they mere onite processions of the fact, the breeze carried them to the only spot

upon the little world they occupied which could at-Thus it fell out that one morning Ren Zoof, from his lookest on Gought Island saw a ship not the Debruse, appear upon the horizon, and make quiet-

ly down towards what had formerly been the right Such was Res Zoof's version of what had cocurred, as he had gathered it from the perc-comers, He wound up his recital by remerking that the carro of the House wordt he of immense provice to thom; he expected, indeed, that Issue Hakkabut

would be difficult to manage, but considered there could be no harm in appropriating the goods for the common welfers, since there could be no opnortunity new for selling them. Ben Zoed sided, "And so to the difficulties he-

tunes the Jew and his necessaries. I tald him that the governor general was absent on a tour of inspection, and that he would see everything equitably Smiling at his orderly's taction, Servadae turned to Hakkshirt, and told him that he would take cure

that his claims should be July investigated and off prepar demands should be paid. The man appeared satisfied, and, for the time at least, desigted from his complaints and impartualties

When the Jew had retired. Count Timascheff asked "Rut how to the world can you over make those fellows may anything? "They have lots of money," said Ben Zoof,

"Not likely" nortied the count; "when did you over know Spaniards like them to have lots of "But I have seen it myself," said Ben Zoof; "said it is English money." "English myser!" ethood Servedec; and his mind again reverted to the extension made by the colone and the major from Gibraltar, about which they had

Hotes consisted of nine men and a led of twelve years of age, named Pohio. They all received Cananishin to their consusts tooks. The avotein and his

tain Servadac, whom Ben Zoof introduced as the covernor seneral, with due respect, and returned friends, followed at some distance by the sager Jaw. soon left the clade and directed their steps towards the coast where the Hauer was recoved As they went they discussed their cituation. far as they had accertained, except Gourbi Island.

en so reticent. "We must inquire more about

Then, addressing Count Timescheff, he added.

"True centain," encounted the count: "we have

"Altorethes I think the countries of Burope are

only a fragment of a world, but it contains actives

of France, Russia, Italy, Spain, and Russiand. Room

Germany may be said to have a representative in the person of this miserable Jaw."

CHAPTED TIT

GALLIA'S GOVERNOS GENERAL

The Spaniards who had arrived on board the

"And even in him," said Servader, "arrhene we shall not find so indifferent a representative as we

fairly represented by the normistion of Gallia

the sale supplieds a feroments of the Old World were four small lebards; the hit of Gibraltar occupied by the Englishmen; Ceuts, which had just been left by the Spaniards; Madelons, where they had nicked um the little Italian wirl; and the cite of the terch

of Saint Louis on the coast of Tunie. Around these there was erretched out the full extent of the Gallien Hea, which experently econolised short conchelf of the Mediterranean, the whole being encompassed by a barrier like a framework of precipitous cliffs of an cototo and a substance althe unknown.

Of all these spots only two were known to be inhabited: Gilgaliar, where the thirteen Englishmen some arrest provintered for some nears to some and their own Gourbo Island. Here there was a population of twenty-two, who would all have to substitute upon the natural products of the soil. It was indeed not to be forpotten that, perchence, upon

some remote and undiscovered tele there might be the coldany writer of the recuterious person which they hed found, and if en, that would raise the census of their new asteroid to an aggregate of thirty-ely. Even upon the supposition that at some future

date the whole population should be compelled to could and find a periodence upon Court Library there did not appear any reason to question but that sight handred scree of rick soil, under good man-

agement, would yield them all an ample sustenance. The only critical matter was how long the cold season would lest; every hope depended upon the land again becoming productive: at present, it seemed impossible to determine, even if Gallia's orbit were really eiliptical, when the would

reach her anhalics, and it was consequently raceseary that the Gallians for the time being should reckes on nothing beyond their actual and present

These resources were, first, the provisions of the Dobryes, consisting of preserved most, super, wine.

a grim significance.

which, sooner or later, the owner, whether he would or not, must be compiled to unrender for the onemen benefit; and lauth, the produce of the ishand, andmal and vegetable, which with proper occurry might be made to last for a considerable period. In the centre of the convention, Count Thinselfed look an opportunity of saying that, as Captain Servadae had already been presented to the Spaniards an prevent of the sixted, he thought it advisable that he should really asseme that position.

advisable that he should really assume but yearine.
"Every body of none," he observed, "must have
a beed, and you, as a Frenchman, should, I think,
take the exemunated of this fragment of a French
colony. My mon, I can answer for it, or quite prepared to recognize you as held superior offices."

"Most unbestimingly," registed Serradia, "I no"these unbestimingly," registed Serradia, "I no"these unbestimingly," registed Serradia, "I no"these unbestimingly," registed Servadia, "I no"these was ball fall sure we shall

scretums each other so well that I fell sure we shall try and work together for the common good; and swen if it he our fate never again to behold our fellow creatures, I have no magnivings but that we shall be able to cope with whatever difficulties may be before us."

As he works, he hald out his hand. The count

took it, at the same time making a slight how. It was the first time since their meeting that the two men had sheken hands; on the other hand, not a single word about their former rivalry had over comped their lips; perhaps that was all forgotten

The allease of a few moments was broken by Serwakes saying. "Do you not think we ought to explain our situation to the Speniards's"
"No, no, your Excellency," burst in Ren Zeef, exphatically; "the fellows are chicken-burted snough abready; only tell them what has happened,

and in sheer despondency they will not do another stroke of work."
"Besides," said Lieutenaut Process, who took very much the same view as the orderly, "they are so miserable incomant they would be sure to mis-

as miserably ignorant they would be sure to misminerated you."

"Understand or misunderstand," replied Servadee, "I do not think it metters. They would not care. They are all statilists. Only give them a pridar and their custanets, and they will soon forged all core and armitty. For my own part, I must aftered to me belief that it will be advisable to tail

them seemed that I wan so assumes to the them seemed. Here you any opinion to offer, count?"
"My own opinion, expitals, coincides entirely with yours. I have followed the plan of explaining all I could to my men on board the Dobryso, and no

I could to my men on beard the Dobryan, and no inconvenience has armon."
"Well, then, so left it ke," said the emptain; adding, "It is not likely that these Spaniards are so ignorms as not to have notified the change in length of the days; notitive can they be unwarrs of the physical changes that hour transmissed. They shall sectionly

consign than the control of the cont

rice, and more than once he had attempted to be settled like 2007 this oursernstatin upon the subject to the him, and engently regulate the an advances either 9 to the lim, and engently section to had advances either 9 to the lim, and engently section to an advances either 9 to the lim, and enter the new system of rights and the limit of the section of limits and the limit of the

and not infrequently invoking the God of Israel;

but every now and then a complex light cleared

None of the recent phenomena had encaped his

of a cantrary he would reach to the age of two certreins; such as constrainted him togeth entermeration of the constrainted and the second would prevent him facility the breath of his years, at another then he would federac that, to an old that another then he would federac that, to an old what had become of the mees, as he could not persist him to be a second of the period of the second state of the second of the second had been also had been been as the second of the second had been as the second of the second of the best-flag him with open days, and will toll you all the greatly as the second of the second of the "But will be protect my greatly "poor less as

"But will be product my groperty?" peer least would sek transionaly.
"To be sure he will! He would confected in micher than that you should be robbed of it."
With this Job's comfort the Jew had hear obliged to content himself as both the could, and to avait the promised serviced or the governor.
When Servicks and his companions regulated the

stors, they found that the Heasa had anchered in an expaned hay, protected that barely by a few projecting rocks, and in such a position that a gale rising from the ment would institutely drive her on to the land, where she must be dashed in paces, it would be the height of folly to leave her in her it would be the height of folly to leave her in her than the height of folly to leave her in her be brought round to the month of the Sheliff, in increasing precurity to the Respiral yackle.

The cancelousness that his terim was the amblest of discussion rande the long give way to such whitment quantitation of articly, that Servadas turned his classor, Lawling the old man under the norveillance of the count and Sen Zoof, the captain and the Bestzenst stepped into a small heat and were soon alongside the disetting requiriors. On this classor, aware that both the terim and here cappe were in

soon alonguide his flasting comprison.

A very bleef superious aufhand in mine them a general state of prosperation. In the hold were a general state of prosperation. In the hold were angue-theven by humberds, debate of ten, long of angue-theven by humberds, debate of ten, long of a large state of the s

Couts to Tripoli, calling wherever he had reason to

do not overcharge me."

AMAZING STORIES believe there was likely to be a market for any of loan of a few sailors to carry bis ship to Akrices. "I will now you honeafty: I will now you said."

"A fine haul, lieutenant," said the captain. "Yee, indeed," said the lieutenent; "but what if the owner refuses to part with it?" "No fear; no faar," replied the captain. "As soon as ever the old reacel finds that there are no more Araba or Alerricas for him to frece, he will be

ready enough to transact a little business with us, We will now him by tolks of accordance on some of his old friends in the Old World." "But why should be went any nayment?" inquired the liggregant. "Under the sireumstances, be must

know that you have a right to make a requisition of his goods." "No, no," quickly rejoined Servaine; "we will not do that. Just because the fellow is a German we shall not be instifted in treating him in German fashion. We will transact our business in a business like way. Only let him once realise that he is on

a new ciobs, with no prospect of cetting back to the old one and he will be ready except to even to terms with us. "Perhaps you are right," replied the lieutenent; "I hope you are. But anyhow, it will not do to leave the tarten here; not only would also be in

danger in the excet of a storm, but it is very opentionable whether she could resist the pressure of the ice, if the water were to freeze." "Quite true, Proceps; and accordingly I give you the commission to see that your crew bring ber

"To-marrow murning it shall be done," answered the lieutement, prometly Upon returning to the shore, it was arranged that the whole of the little solony should forthwith assemble at the courbi. The Spaniards were summoned and lasse, although be could only with reluctance take his wistful gaze from his tartan. obeyed the governor's orders to follow

An hour later and the entire population of twenty-two had met in the chember admining the gourbi. Young Pablo made his first acquaintance with little Nine, and the child seemed highly delighted to find a compension so marrly of her own act. Leaving the children to entertain each other. Care

tein Servadae began his address, Refore entering upon further explanation, he said that he counted upon the copilial comporation of them all for the common welfare. Negrete interrupted him by declaring that no

countrymen knew how soon they could be next back to Spain. To Spain, do you say?" asked Servadas "To Spain, so you say?" sasce Sevensia.

"To Spain!" echood Isasc Hakknint, with a bideous yell. "Do they expect to go back to Spain till
they have paid their debts? Your Excellency, they

owe me twenty reals arises for their peasage here; they own me tun hundred reals. Are they to be a bewolfa "Silence Mordecal, you fool?" shouted Ben Zoof.

who was accustomed to call the Jew by any Hebren name that came unvermost to his memory. "Silence I" Servedae was disposed to appears the old man's anxiety by promising to see that justice was ultimately done; but, in a fever of frantic excitement, he went on to implore that he might have the

wonderful event has out us off from Spain, from Practice from Italy, from every country of Romme In fact, we have left the Old World entirely. Of the whole earth, nothing remains excent this island on which you are now taking refuge. The old globe is far, far away. Our present abode is but an insirnifecut fragment that is left. I done not tell you that there is any chance of your over again seeing your country or your homes." He record The Speciards evidently had no overpertion of his meaning. Negrete begged him to tell thorn all again. He

he oried: but his ingrained propessity for making

a good bargain promoted him to add, "provided you

Hen Zoof was about again to interpose some

angry exclamation; but Servadar checked him, and

continued in Spanish: "Listen to me, my friends,

Semothing very strange has happened. A most

repeated all that he had said, and by introducing some illustrations from familiar things, he succeeded to a certain extent in conversing some faint idea of the convulsion that had happened. event was precisely what he had foretold. The communication was received by all alike with the most supreme indifference Hakkabut did not say a word. He had listened with manifest attention, his lips twitching now and then as if suppressing a smile. Servades turned

to him, and asked whether he was still disposed to pert out to sea and make for Algiera. The Jew gave a broad grin, which, however, he was coreful to conceal from the Speniards. "Your Errellener feets," he said in French; and turning to Count Timuscheff, he added in Russian: "The governor has made up a wonderful tale," The count turned his back in disgust, while the Jew sidled on to little Nina and mottered in Italian. "A lot of lies, pretty one; a lot of lies!" "Confound the knave?" exclaimed Ben Zoof: "he robbles every torone under the sun!" "Yes," said Servadac; "but whether he speaks French, Rumisn, Spenish, German, or Italian, be

is neither more nor less than a Jew."

CHAPTER XX A LIGHT ON THE HORISON On the following day, without giving himself any

further concern about the Jew's incredulity, the captain gave orders for the House to be shifted round to the barber of the Shelif. Hekkubut reised no objection, not only because he was aware that the move insured the immediate safety of his tarbose that he might entice away two or three of the Dobrona's crew and make his escope to Aleiers or some other port. Operations now commenced for prenaring proper

winter quarters. Spanished and Russians alike ioned hearily in the work, the diminution of atmorpheric pressure and of the force of attraction contributing such an increase to their muscular force as materially fasilitated all their labore. colony. Here for the present the Spaniards were

The first business was to securemodate the building adjacent to the gourbi to the wants of the little

pensate for the remoteness of the sun. The tawnpersture fell steadily; already, to the discomiture of the little Italian oid, restrand in sanshire, ice. was beginning to form in the erevices of the rocks. and manifestly the time was impending when the Some shelter must be found before the temperature should full to 60' below zero. Otherwise death

was inevitable. Hitherto, for the last few days, the thermometer had been registering an average of about 6° below zero, and it had become matter of experience that the stove, sithough repleasabled with all the wood that was available, was altaeether inadoquate to effect any sensible mitigation of the saverity of the cold. Nor could any amount of fuel be encuch. It was certain that ere ince the work mercury and spirit in the thermometers would be converied. Some other resort must assuredly be soon found, or they must perish. That was clear, The idea of betaking themselves to the Debroom and Henry could not for a moment be perforally en-

tertained; not only did the structure of the wazele make them attesty insufficient to give gubatestial shelter, but they were totally unfitted to be trusted as to their stability when supposed to the energous pressure of the accummulated ice. Neither Serveday, nor the court, nor Lieutenant could not be concealed that they felt themselves in circumstances by which they were squally harassed and perplexed. The sole expedient that their united coursel could suggest was to obtain a refuge below ground, and that was denied them by the strange

and impenetrable substratum of the soil; yet hour by hour the sun's disc was lessening in its dimensigns, and although at midday some faint radiance and glow were to be distinguished, during the night the painfulness of the cold was becoming simost intolerable Mounted upon Zephyr and Gelette, the captain and the count secured the mland in search of some available retreat. Scarcely a ward of ground was left uncaplored, the horses clearing every obstacle

as if they were, like Pegreus, furnished with wings, But all in vain. Soundings were made again and again, but inveriebly with the same result; the rock, hard as adament, never failed to reveal itself within a few feet of the surface of the ground. The exception of any allo being thus manifestly hopeless, there seemed nothing to be done except

to try and render the buildings aloneside the gourbe impervious to freet. To contribute to the sweets of fuel, orders were given to collect every sorap of wood, dry or green, that the taland produced; and the involved the necessity of fulling the numerous trees that were scattered over the plain. But toll as they might at the accumulation of firewood. Can-

tain Servadae and his companions could not regist the conviction that the consumption of a very short period would exhaust the total stock. And what would happen then?

Studious if possible to conseal his real misglyince, and enxious that the rest of the party should he affected as little as might he by his own oning on the equator of an erb which had its axis easiness. Servedac would wander alone about the island, racking his brain for an idea that would

nights upon the Hanen. This arrangement, however, could be only temporary. The time could not be far distant when ships' sides and ordinary walls would fall to give an adequate protection from the severity of the reid that must be expected; the euruly of heat in their present quarters, and consequently they must be driven to seek some other refuge, the internal temperature of which would at least be bearable. The plan that seemed to commend itself most to their consideration was, that they should day out

for themselves some subtarrangous pits similar to "siltes," such as are used as recenturies for grain. They presumed that when the surface of Gallia abould be covered by a thick lever of see, which is a had conductor of heat a sufficient amount of warmth for animal vitality might still be retained in excavations of this kind. After a long consultation they finled to devise any better expedient, and

were forced to resign themselves to this species of troglodyta szistence. In one respect they congrutulated themselves that they should be better off than many of the whalers in the polar seas, for as it is impossible to set below the surface of a frozen ocean, these adventurers have to seek refuse in huts of wood and snew

erected on their shire, which at heat can give but slight protection from extreme cold; but here, with a selld subseil, the Gallians might been to dig down a hundred fast or so and source for themselves a skelter that would enable them to brave the herdest severity of climate. The order, then was at once given. The work wan

commenced. A stock of showels, mattacks, and pickaxes was brought from the courts, and with Ban Zoof se overesor, both Spanish major and Russian It was not long, however, before a discovery, more unexpected than agreeable, suddenly arrested their

inbors. The spot chosen for the exervation was a little to the right of the gourbi, on a slight elevation of the soil. For the first day awaything went on prosperously enough; but at a depth of eight feet below the surface, the navvies came in contact with a hard surface, upon which all their tools failed to make the elightest impression. Serveday and little difficulty in recognizing the substance that had revealed itself at the very some which composed the shoves as well an the subsoil of the Gollian sea. It avidently formed the universal anhetrusture of the new asteroid. Muses for hollowing it failed them attesty. Hunder and mura resisting than execute. it could not be blasted by ordinary powder; dyna-

mite alone could suffice to rend it. The disappointment was very great. Unless some means of protection were speedily devised, death seemed to be staring them in the face. Were the figures in the mysterious documents correct? If so, Gallia must now be a hundred millions of learner from the orn, nearly three times the distance of the earth at the remotest section of her orbit. The intensity of the solar light and heat, too, was very seriously diminishing, although Goursi Island (beslwave percendicular to the plane in which it re-

AMAZING STORIES point the way out of the serious difficulty. But wards as far as the former istitude of Orea; he

One day he suddenly came upon Ben Zoof, and asked him whether he had no ulan to propose. The orderly shook his head, but after a few moments' pondering, said; "Ah! master, if only we were at Contmartre, we would gut shelter in the charming stone-quarries." "Idjot?" realled the captain, angrib, "if we were at Montmarire, you don't suppose that we should But the means of preservation which human incernity had falled to secure were at head from the

felicitous provision of Nature herself. It was on the 10th of March that the captain and Lieutenant Process started off once more to impostigate the northwest corner of the island; on their way their conversation naturally was engrossed by the subject of the dire recessition which only too manifestly were awaiting them. A discussion more than usually animated arose between them, for the two men were not altorether of the same mind as to the measures that ought to be adopted in order to open the fairest chance of avoiding a fatal climas to

their exposure; the exptain persisted that an entirely new abode must be sought, while the lieutaxant was equally bent once deviaing a method of some sort by which their present quarters might be rendered sufficiently warm. All at once, in the very heat of his argument, Procope paused; he passed his hand serous his eyes, as if to direct a mist, and stood, with a fixed suge reptered on a point towards the south. "What is that?" he said, with a kind of hesitation. "No. I am not mistaken." he added: "It is a light on the horizon." "A light!" exclaimed Servadan; "show me where."

kept pointing steadily in its direction, until Serveden also distinctly sow the bright speck in the distance. It increased in electrons in the outhering abadea of evening, "Can it be a ship?" asked the asptain. "If so, it must be in flames; otherwise we should not be able to see it so far off," replied Procope. "It does not move," said Bervadae;" and unless I am greatly deceived, I can hear a kind of reverberation in the air."

For some seconds the two men stood straining ever and care in rent attention. Suddenly an idea struck Servador's mind. "The volcano!" he cried: "may it not be the voltage that we saw, whilst we were on board the Dobrans?" The lieutenant agreed that it was very probable. "Heaven be praised!" ejaculated the captain, and he went on in the tenns of a keen excitement; "Naturn has provided us with our winter quarters; the stream of hurning lave that is flowing there is the

gift of a hounteous Providence; it will provide us all the warmth we need. No time to love! Tomorrow, my dear Procope, to-morrow we will explore it all: no doubt the life the heat we want is reserved for us in the heart and bowels of our Whilst the captoir was indulging in his expres-

When Servadar gave him a change of speaking, he said. "The more I consider it, captain, the more I am satisfied that your conjecture is correct. Beyoud a doubt, what we see is the vokago, and tomorrow we will not fail to visit it." On returning to the goarbi, they communicated their discovery to Count Timuscheff only, Seeming any further publication of it to be premature. count at once placed his sucht at their disposal, and expressed his intention of accompanying them. "The yasht, I think," said Proorpe, "had better remain where she is: the weather is beautifully

remembered also that at the extremity of the pro-

montory there was a rocky headland crowned with

smoke; and now he was ecevirced that he was right

to identifying the position, and in believing that

the emoke had given place to an eruption of flame.

calm, and the stolendarreb will anywer our normore better: at any rate, it will convey us much closer to shore than the schooner." The exect rentied that the lighterant was by all means to use his own discretion, and they all retired for the night. Lifes many other modern pleasure-yachts, the Dobress, in addition to her four-our, was fitted with nelled, on the Oricile system, by mean of a boiler, small but very effective. Early next morning, this

bandy little craft was sufficiently freighted with enal (of which there was still about ten tons on board the Debrame), and manual by nebody except the extrain, the court and the lieutarent left the harbor of the Shelif, much to the hewilderment of Ben Zoof, who had not yet been admitted into the secret. The orderly, however, consoled himself with "Look there!" answered the lieutenant, and he the reflection that he had been temporarily invested with the full nowers of covernor general, an effice of which he was not a little proud The eighteen miles between the island and the headland were made in something less than three hours. The volcanic eruption was manifestly very considerable, the entire summit of the recommutery being saveleped in flames. To produce so large a combustion either the oxygen of Gallia's atmoughers had been brought into contact with the explosive gases contained beneath her soil, or perhaps, still more probable, the vokano, like those in the morn. was fed by an internal supply of oxygen of her own.

It took more than half an hour to estile on a suitable landing-piece. At length, a small sumicircular creek was discovered among the rocks. which appeared advantagoous, because, if circumstances should so require, it would form a cafe anshorage for both the Dobryso and the Hosea. The launth securely moored, the passengers landed on the side of the promontery opposite to that on which a torrest of flaming lave was deseerding to the sea. With much solusfaction they experienced, as they approached the recentaly, a sensible difference in the temperature, and their spirits could not do otherwise than rise at the pres-

scaling the irregularities of its gigantic strate.

bounding from point to notet with the agility of

chamois, but never alighting on anything except

past of having their hopes confirmed, that a delivgrance from the threatened calamity had so opportunely been found. On they went, un the steen scelluity, arrarchling over its regreed projections

sions of enthusiasm, Proceps was endravoring to selled his thoughts. Distinctly he remembered the long promontory which had barred the Dobrycen's progress while equating the southers, confines of the see, and which had obliged her to ascend porththe occumulation of the same becomered prisms with which they had now become to familiar. Their emertions were harnily rewarded. Rehind a huge payontid rock they found a hole in the mountain-side, like the mouth of a great tunnal

Climbing up to this orifice, which was more than sixty feet above the level of the sea, they secertained that it energed into a long dark gallery. They entered and groped their way cautiously along the sides. A continuous rumbling, that increased as they advanced, made them aware that they must be augreathing the central funnel of the volcano: their only fear was lest some insuperable wall of rock should suddenly har their further progress.

Servadae was some distance cheed. "Come on!" he cried cheerily, his voice ringing through the darkness, "come on! Our fire is lighted! no stint of fuel! Nature provides that! Let us make haste and warm cornelves!"

Inspired by his confidence, the count and the lieutenant advanced bravely along the unseen and winding nath. The temperature was now at least fifteen degrees above zero, and the walls of the gollery were beginning to feel egite warm to the touch, an indisation, not to be overlooked, that the aphetame of

which the rock was composed was metellic in its nature, and capable of conducting less. "Fellow me!" should Servade sonin: "we shall soon find a regular store!" Onwards they made their way, until at last a

sharm turn brought them beto a sudden food of light. The tunnel had opened into a vast cavern. and the gloom was sachanged for an illumination that was perfectly dazzling. Although the temperature was high, it was not in any way intoler-

One giance was sufficient to satisfy the explorers that the grateful light and heat of this huge excavation were to be attributed to a torrest of lava that was rolling downwards to the sea, completely subtending the aperture of the cave. Not inspily might the scene be compared to the celebrated Grotto of the Winds at the rear of the central fall of Ningara, only with the exception that here, instead of a curisin of rushing water, it was a curtain of rearing figme that hung before the covern's mouth.

"Heaven be praised!" cried Servadec, with glad emotion; "here is all that we hoped for, and more besides?"

CHAPTER XXI WINTER QUARTERS

The habitation that had now revealed itself, well lighted and thoroughly warm, was indeed marvelous. Not only would it afford ample accommodation for Hector Seruplar and "his subjects" on Ren Zoof delighted to call them, but it would provide shalter for the two horses, and for a securiderable number of domester univenie-

This energous cavern was neither more or less than the common jurgition of nearly twenty turnels. (similar to that which had been traversed by the explorers), forming ramifications in the solid rock, and the perce, as it were, by which the internal heat expded from the heart of the mountain. Here, as long as the volcage retained its activity, every

But not a day, not an hour, was to be lost now. The stang-launch returned to Gourhi Island, and preparations were forthwith taken in hand for conveying man and beast, corn and fodder, across to the voicenic headland. Lond and hearty were the acclametions of the little colony, especially of the Spaniards, and great was the relief of Nina, when Servades appeared to them the discovery of their future dominite; and with requiremed energies they isbored hard at pecking, anxious to reach their genial winter quarters without delay. For three successive days the Dobruss, laden to

justly remerked, some it was the only burning moun-

tain they had sighted, it was most probably the sole

outlet for Gellia's spiterranean fires, and conse-

quently the eruption might continue unchanged for

her very gunwale, made a transit to and fro. Ben Zoof was left upon the island to experiptend the stowage of the freight, whilst Servadae found abundant occupation in overlooking its disposal within the recesses of the mountain. First of all, the large store of corn and folder, the produce of the recent harvest, was landed and deposited in one of the vaults, then, on the 15th, about fifty head of live cattle-bullocks, cows, sheep, and pigs-were conveyed to their rocky stalls. These were saved for

the sake of recognized the several breeds, the bulk of the island cattle being slaughtered, as the extrome severity of the climate issured all most remaining fresh for almost an indefinite period. The winter which they were expecting would probably be of prerecolented length; it was quite likely that it would exceed the six months' duration by which many arctic explorers have been tried; but the nonelation of Gallia had no anxiety in the matter of provisions—their stock was for more than adequate; while as for drink, so long so they were satisfod with pure water, a frozen sea would afford them

an inexhaustible reservoir. The need for haste in forwarding their prepara tions became more and more manifest; the san threatened to be unnevigable very soon, as ica was siready forming which the necessar our was unable to melt. And if haste were necessary, so also were care, inpensity, and forethanght. It was india-

pensable that the space at their command should be properly utilized, and yet that the saveral portions of the store should all he readily accessible On further investigation an unexpected number of rolleries was discovered, so that, in fact, the interior of the recruitain was like a west beaution perfected with innumerable cells; and in compliment to the little Italian it was unanimously voted

"Nina's Hive " The first care of Captain Servadae was to ascertain bow he could make the best possible use of the best which neture had provided for them so concerturally and with an layish a hand. By opening fresh vents in the solid rook (which by the action of the heat was here gamable of fissure) the stream nels, where it could be available for daily use; and thus Monhel, the Debrung's cook, was furnished

with an admirable kitchen, provided with a permanent stove, where he was duly installed with all his sufficery arearedus. most rirorous of climates; and as Count Timascheff

"What a saving of expense it would be," ex

claimed Ben Zoof, "if every household could be fermished with its own private vokano!" The large covern at the general junction of the galleries was fitted up as a drawing-room, and arranged with all the best farniture both of the routhi and of the calon of the Dobrons. Hither was also brought the abconer's library, containing a good vertical of French and Rossian books; Ismus were suspended over the different tables; and the walls

of the apartment were tapestried with the sails and adorned with the flags belonging to the yasht. The cartain of fire extending over the opening of the cavers provided it, as already stated, with light and

The terrest of lava fell into a small rock-bound beain that had no americat communication with the see and was reidently the enerture of a deen ahyas, of which the waters, heated by the descent of the eraptive matter, would no doubt retain their liquid condition long after the Gallian Sea had be-

come a sheet of ice. A small emayation to the left of the common hall was allotted for the special use of Servadac and the count; another on the right was appropriated to the Begtenant and Ben Zoof; whilst a third reces, immediately at the back, made a convenient little chamber for Nico. The Spaniards and the Russian saffers took up their electing-quarters in the ad-

incent galleries, and found the temperature quite Such were the internal erronements of Niss's Hive, the refuce where the little colony were full of hope that they would be able to brave the ricorn of the stern winter-time that lay before them-s winter-time during which Gallia might possibly be

projected even to the orbit of Juniter, where the temperature would not exceed one twenty-fifth of the normal winter temperature of the earth. The only discontented spirit was Issue Haldenbut. Throughout all the proparations which roused eren the Spaniards to ectivity, the Jew, still ingradulers and deaf to every representation of the true state of things, insisted upon remaining in the creek at Gourbi Island; nothing could induce him to leave his tertan, where, like a miser, he would keep guard over his precious cargo, ever

grambling and growling, but with his weather-eye open in the hope of catching sight of some nearing sail. It must be owned that the whole party were far from sorry to be relieved of his presence; his uncomely figure and repulsive countenance was a perpetual hughest. He had given out in plain terms that he did not intend to part with any of his property, except for current money; and Servadac, equally resolute, had strictly furbidden any purchases to be made horder to wear out the rangel's

«Astinacy Hakkabut persistently refused to credit the real situation; he could not shouldtely deny that some portions of the terrestrial globe had undergone a certain decree of modification, but pothing could bring him to believe that he was not, somer or later, to resume his old line of husiness in the Med-Sterranean. With his wonted district of all with whom he came in contact, he regarded every argument that was urved upon him only as evidence of a slat that had been devised to despite him of his goods. Repudiating, as he did utterly, the hypothesis that a fragment had become detached from

might effect some bartering upon advantageous At first he professed to regard the proposed removal into winter-quarters as an attenut to impose upon his credulity; but the frequent voyages made by the Dobrysa to the south, sod the repeated constamments of corn and eattle, soon served to make him sware that Cardain Servadar and his commanlone were really contemplating a departure from

the earth, he scanned the horson for hours to-

gether with an old telescope, the case of which had

been natched up till it looked like a rusty stove-uppe. begung to descry the passing trader with which he

The movement set him thinking. What, he be-gan to sek himself—what if all that was told him was true? What if this sea was no longer the Mediterraneum? What if he should never again behold his German fatherland? What if his marts for business were gone for ever? A vague idea of rain began to take pecacasion of his mind; he must yield to pecessity; be must do the best he As the result of his cogitations, he occasionally left his tarten and made a visit to the shore. At leasth he endeavored to miscle with

the busy group, who were harrying on their preparations; but his advances were only met by foors and searn, and, ridiculed by all the rest, he was fain to turn his attention to Rev Zeef, to whom he offered a few pinches of tohacon. "No. old Zehulon," said Ben Zoof, stendily refusing the gift, "it is against orders to take surthing from you. Keep your cargo to yourself; est and drink it all if you can; we are not to touch it." Finding the subordinates incorruptible, Issue determined to go to the fountain-head. He addressed himself to Servadae, and begged him to tell him the whole trath, piteously adding that surely it was

ausorthy of a French officer to deceive a poor old "Tell you the trath, man?" cried Servadae. "Confound it. I have told you the truth twenty times. Once for all, I tell you now, you have left yourself herely time enough to make your escape to yorder "God and Mahamet have morey an me!" mattered

man like kiroself.

the Jew, whose ereed frequently assumed a very ambiguopa character. "I will tell you what," continued the esptain-"you shall have a few men to work the Hansa "you shall have a rew men to work the Manua across, if you like."

"But I want to go to Algiers," whispered Hak-

"How often am I to tell you that Algiers is no longer in existence ? Only say yes or no-are you coming with us into winter-quarters?" "God of Israel! what is to become of all my property?" "But, mind you," continued the cautain, not heed-

ing the interruption, "if you do not choose voluntarily to come with as, I shall have the Hause, by my orders, removed to a place of safety. I am not going to let your cursed electionacy incur the risk of losing your caren siteeether."

"Merciful Heaven' I shall be rained!" moaned Issac, in despeir. "You are come the right way to rain yourself and it would serve you right to leave you to your own devices. But be off! I have no more to my."

pirtusso:

Flist

And, turning contemptuously on his beel, Servaries left the old rean voriferating bitterly, and with uplifted hands protesting vehemently against the rapacity of the Gentiles. By the 26th all preliminary arrangements were complete, and everything ready for a final departure from the island. The thermometer stood on an everage at 8" below zero, and the water in the cis-

tern was completely freeze. It was determined, therefore, for the colony to embark on the following rise and take an their residence in Nins's Hise. A final consultation was held about the House. Liestenant Procone proposposed his decided conviction that it would be impossible for the tartan to

runst the pressure of the ice in the harbor of the Sheld, and that there would be far more safety in the proximity of the volcano. It was agreed on all hands that the vessel must be shifted; and necordingly orders were given, four Ressian authors were sent on board, and only a few mututes elapsed after the Dobryon had weighed anchor, before the

the "shop-ship," as Ben Zoof delighted to call it, was also on her way to the southward. He leret exclaration that he had given no orders. that he was being moved against his will that he had asked for no assistance, and needed none; but

it recutred no very keen discrimination to observe faction in his little gray eyes, and when, a few hours later, he found himself recurely anchored, and his property in a place of safety, he quite chuckled with giee.

"God of Irrael!" he said in an undertone, "they have made no charge; the idiots have niloted me here for nothing," For nothing! His whole nature expited in the constitueness that he was enjoying a cervice that

Destricte of human inhabitants. Courbi Island was now left to the tenancy of such hirds and bearts as had escaped the recent promisenous shughter. Birds, indeed, that had migrated in search of warmer shores, had returned, proving that this fragment of the French colony was the

only shred of land that could yield them any ourtenance: but their life most necessarily be short. It was attesty impossible that they could survive the cold that would soon ensue. The colory took positization of their new abode with had few formalities. Everynne, honorur, an-

proved of all the internal arrangements of Nina's How, and were profuse in their expressions of comfortable quarters. The only malcontent was Eakhabet; he had no share in the reneral enthusiarm, refused even to enter or inspect any of the sufferies, and exsisted on remaining on board his

"He is afraid," said Ben Zoof, "that he will have to now for his lodgings. But wait a hit; we shall use how he stands the cold not there. the frost, no doubt, will drive the old fox out of his hole." Towards evening the pots were set boiling, and a bountiful engoer, to which all were invited, was stread in the central hall. The stores of the Dobroom correspond some excellent wine, some of which was broached to do honor to the occasion. The

"Misti goth dar dar tire lyre! flost flast lirette, lira! Far is rira. Toser tala rire, Tour is Ribard. Sans repor, répit, répit, repor, rie pot, ripette! Si your offrance men refrain. Farment year fler." The concert was succeeded by a ball, unquestion-

health of the governor general was drunk, as well

as the touct "Spooses to his council," to which Ben

Zoof was called upon to return thanks. The enter-

tainment passed off merrity. The Spaniards were

in the best of spirits; one of them played the spitar.

another the castanets, and the rest joined in a ring-

my chorus. Ben Zoof contributed the famous Zoutve

refrain, well known throughout the Franch army.

but rarely performed in finer style than by this

ably the first that had ever taken place in Gallia. The Russian sailors rehibited some of their no. tional dances, which gained considerable applause, even though they followed upon the marrelous fundanges of the Spaniards. Ben Zoof, in his turn, danced a per seul (often performed in the Elvade

Montmartre) with an elegance and vigor that carned many compliments from Negrete. It was nine o'clock before the festivities came to an end, and by that time the company, heated by the high temperature of the hall, and by their own exertions, felt the want of a little fresh air. Accordingly the greater portion of the party, escorted by Ben Zoof, made their way into one of the adiscent galleries that led to the shore. Servadae.

with the count and lieutenant, did not follow intmediately; but shortly afterwards they proceeded to join them, when on their way they were startled by good eries from those in advance. Their first impression was that they were cries of distress, and thry were creatly relieved to find that they were shouts of delight, which the dryness and carity of the atmosphere caused to re-echo like a valley of presidency.

Reathing the mouth of the gallery, they found the entire group pointing with ourer interest to the "Well, Ben Zoof," asked the captain, "what's the matter new?"

"Oh, your Excellency," sjeculated the orderly, "look there! look there! The moon! the moon's come hask!"

And, sure enough, what was apparently the moon was rising above the mists of evening,

CHAPTER XXII A PROTEIN OCHAN

THE moon! She had disappeared for weeks; was she now returning? Had she been faithless to the earth? and had she now approached to be a satellite of the new-born world? "Impossible?" said Lientenant Procope; "the

earth is millions and millions of leagues away, and it is not probable that the moon has ceased to revoive ebout her." "Why not?" remonstrated Servadae. "It would not be more atrance than the other phenomena which we have lately witnessed. Why should not twenty hours; consequently Gallis, bring of superor volume, might be supposed capable of carceiving "a power of attractice upon any of these minutures in microcosts.

The first night in Nisa's Hive passed without appeals in the passed without appeals in the passed without and many traceiving schools.

attraction, and become her stabilite?"

"Upon that supposition," put in the count, "I should think that it would be alregether unlikely that three months would elepse without our seeing her."

that three meaning wants coupe without our seeing lor," "Quite incredible?" continued Procespe. "And there is another thing which totally disproves the capitals by hypothesis; the magnitude of Gallia is for

too insignificant for her power of attraction to earry off the meon."

"But," persisted Secwelze, "why should not the same scorulation that tore us away from the sarth have tore away the moon as well? After wandor-

have torn away the moon as wall? After wandoring about as abe would for a while in the solar regions, I do not see why she should not have attached herself to us."

The listenant repeated his accordance that it

technel herself to us."
The lieutenant repeated his conviction that it was not likely.
"But why not?" again saked Servadao impeta-

outly.

"Eccanor, I tell you, the mean of GaHa is so inferior to that of the mean, that Gallia would become the mean's satellite; the most could not possibly become here."

"Assuming, towever," continued Servadac, "such to be the case......"
"I am afraid," said the lieutenant, interrupting

"I am afreid," said the licatement, interrupting him, "that I cannot assume enything of the sort even for a moment," Servados amilial moni-humoredly.

"I confess wan same to have the hest of the area. ment, and if Galia had become a catallite of the moon, it would not have taken three months to catch sight of her. I streams was are right." While this discussion had been point on the extellite, or whatever it might be, had been rising steadth above the borison and had reached a work tion favorable for observation. Telescopes were benoght and it was very sam assertained beyond a question, that the new luminary was not the wallknown Phothe of terrestrial purhts; at had no featurn in common with the vacon. Although it was apparently much nearer to Gallia than the moon to the earth, its superficien was hardly one-tenth as large, and so feelily did it reflect the light of the remate sun, that it scarrely smitted radiance enough to estimately the dire loster of stars of the righth magnitude. Like the sun, it had risen in the west, and was now at its full. To confuse its identity Servadar rould discover a truce of the seen, sharms, cruters, and mountains which have been as misutely

shilmshal in huar shorts; and it could ask tedand that any reasonish high teth he has excited and that any reasonish high teth he has excited passed in miles of "the queen of night" misst all support as the same of the probability that any ten as the same of the probability that what desidetily, the question of the price what deside, is her owners across the zero of the minor of the probability that it was one of the 100 actoridal silvady related it was one of the 100 actoridal silvady, and the the activation of actions, or one previously find to a critical existency on previously find to a critical existency on previously flash ten activities that one of the thorough it has been necetical that owner of the thorough

walker wight make a circuit of them in four and

of life was definitely hild down. "My lord govbe arror," as Ben Zoot, until be was persengently forvitodes, effective to call Servadae, had a wholesome to drawed of idioness and its cornequence, and instantio upon each matther of the party understaning some sepecial duty to futilit. There was picety to do. The domestic antimate required a great deal of attention;

Control to the control of the preserved in the preserved in the control of the co

athities for against a recipient exception of Period, did their best to pick up without scrept of Period, which was considered the official integrage of the which was considered the official integrage of the pick of the pick and their districtions, the training of the pick and their districtions of the pick and their districtions of their districtions of their districtions, when he entertained them with one chanting admires in the healt Periodical Precede, about "he leaves were just the foot of a mecunitary" where he abuses were just of the pick them.

The end of March came, but the cold was not interes to such a decree as to carden any of the party to the interior of their report; neveral exagrsions were reade along the store, and for a radius of three or four miles the adjacent district was carefully explored. Investigation, however, always anded in the same result; turn their course in whatever direction they would they found that the country retained everywhere its desert character. rocky harron and without a frame of magnitudes, Here and there a slight layer of snow or a thin egating of ice arising from atmousteric condense. but it would require a period indefinitely long, exceeding human recknolog, before that mainters apply callect jato a streem and roll downwards over the steay strate to the sec. It seemed at property

out of their power to determine whether the head upon which they were as lappily settled was as islands or a continua, and till the cold was abused they feared to undertake any lengthened expedition to ascertain the setual action of the strange conerate of metallic arystallization. By assending one day to the summit of the valcaso, Gipthia Bervatic and the count ascended in

genting a general ions of the aspect of the country. The mountain itself was an expression block rising symmetrically to a height of nearly 3,000 fast above the level of the see, in the form of a truncated econ, of which the inprints extent was crowned by a wreath of smoke issuing omtinuously from the

what doubtfully, the quasilism of the prichability that of which the topicous section was excounsed by a following, the rowment across the sous of the minor was the following the continuous properties of the plants, but carried off one of them; but whether noush of a narrow creater. It was now of the full solutioned interval predicted in the activation of the properties of the topic condition of terrestried things, the fact that continuous the continuous account of the continuous continuous account of the continuous conti

tended with mash fatigue, but as the effect of the silared condition of the law of gravity, the travelore performed perpetual predigies in the way of agility, and in little over an bear reacted the edge of the crater, without more source of spection than if they

their course.

had traversed a couple of miles on level ground. Gallia had its drawbacks, but it had some compenesting advantages. Telescopes in hand, the explorers from the summit examed the surrounding view. Their anticipstions had already realized what they saw. Just as

they expected, on the north, east, and west lay the Gallion Sea, smoothed and motionless as a sheet of glass, the olld having, as it were, congculed the almosphere so that there was not a breath of wind. Towards the south there seemed no limit to the of which the base was beyond the reach of vision.

Viewed even from this bright, whence distance would do much to soften the general asperity, the surface nevertheless seemed to be bristling with its myrisds of hexagonal ismelbe, and to present difficulties which, to an ordinary pedestrian, would be insurmountable. "Oh for some wings, or else a balloon!" cried

Servadac, as he gazed around him; and then, looking down to the rock upon which they were standing, he nifed "We seem to have been transmignted to a soil strange enough in its chemical character to bewilder the squarfe of a museum "And do you observe, captain," asked the count,

"how the equivality of our little world cartalle our view? See, how gireamscribed in the borison?" Servadae replied that he had noticed the same eircumstance from the top of the cliffs of Gourbi "Yes," said the count; "it becomes more and more obvious that ours is a very timy world, and

that Gourhi Island is the sole productive spot upon its surface. We have had a short summer, and who knows whether we are not entering upon a winter that may last for years, perhaps for centuries?"

"But we wout not mird, count," said Servadas, amiling. "We have agreed, you know, that, come what may, we are to be philosophers.

"Ay, true, my friend," rejusted the count; "we must be philosophers and something more; we must in systeful to the good Protector who has hitharto befriended us, and we must trust His mercy to the

end." For a few moreoute they both stood in silence. and contemplated land and eas; then, having given a last giance over the dreary panorama, they prepared to wond their way down the mountain. Hefore they commerced their descent, however, they resolved to make a closer examination of the crater, They were perticularly struck by what seemed to them almost the mysterious columens with which the eruption was effected. There was none of the wild disorder and deafening turnelt that agreely accompany the discharge of volcanie matter, but the heated lava, rising with a uniform creditness. quietly overren the limits of the crater, like the flow of water from the bosom of a peaceful lake. Instead of a boiler exposed to the action of an approfire, the erater rather recembled a brimsning basin, of which the contents were neiselessly encaging, Nor were there any igneous stones or red-hot ein-

dees mingled with the smoke that erowned the sum-

a homing mountain to generally stream.

that water, under this condition of absolute stillpost, will remain uncongrated at a temperature several degrees below zero, whilst experiment, at the same time, shows that a very slight shock will often be sufferent to convert it into solid ice. It had occurred to Servadue that if some communication could be opened with Courti Island. there would be a fine scope for hunting expeditions. Having this ultimate object in view, he assembled his little colony upon a projecting rock at the extremity of the promontory, and having called Nice and Pable out to him in front, he said; "Now, Nina, do you think you could throw something into the

Centain Servalse was of enintee that this need-

herity augured favorably for the continuance of

the eruption. Extreme violence in physical, na well

as in moral nature, is never of long duration. The

most terrible storms, like the most violent fits of

person, are not leating; but here the colm flow

of the liquid tire appeared to be supplied from a

source that was inexhaustible, in the same was

se the waters of Nisgara, gliding on steadily to

their final plange, would defy all effort to arrest

Before the evening of this day closed in, a most

important change was effected in the condition of

the Callien Sea by the Intervention of human

agency. Notwithstanding the increasing cold, the

see, unruffed as it was by a breeth of wind, still

retained its liquid state. It is an established fact

"I think I could," replied the child, "but I am sure that Pable would throw it a great deal further than "Never mind, you shall try first," Putting a fragment of ice into Nine's hand, be addressed himself to Pahlo:

"Look out, Pablo; you shall see what a nice little fulry Nina is! Throw, Nina, throw, as hard as Nins halanced the prop of see two or three times in her hand and three it forward with all her strength

A sudden thrill seemed to vibrate across the m tionicos waters to the distant horizon, and the Gal-Han Sen had become a solid sheet of ical

CHAPTER XXIII

A CARRIED-PRINCE When, three hours after sunset, on the 23rd of March, the Gallian moon rose smen the western her last quarter. She had taken only four days to pass from syrrey to quadrature, and it was some, more than a week at a time, and that her lunation would be accomplished within sixteen days. The luner months, like the solar days, had been diminished by our-half. Three days later the moon was in conjunction with the sun, and was consequently lost to view; Ben Zoof, as the first observer of the satellite, was extremely interested in its movements and wondered whether it would ever reappear.

On the 26th, under an atmosphere perfectly alear wit: a circumstance that quite seconded with the and dry, the thermometer fell to 12° C below seen Of the present distance of Gellie from the sun, and abrence of the pumice-stones, chaldians, said other minerals of veleanic origin with which the base of the number of leagues she had traversed since the receipt of the last mysterious document, there were beers even for an approximate calculation; and Captain Servides was percetually regretting than they could receive no ferrier tidings from the anonymous correspondent, where he persisted in reearding as a follow-countryman. The solidity of the ice was perfect; the utter stillsess of the air at the time when the final con-

celation of the waters had taken when had received in the formation of a surface that for amsolinear would rival a skating-risk; without a crack or flaw The contract to the ordinary aspect of polar seas

was very remarkable. There, the lee-fields are an agglemention of hummocks and incherge, massed in wild confusion, often towering higher than the masts of the largest whelers, and from the instability of their foundations liable to an instantaneous loss of equilibrium; a breath of wind, a slight modification of the temperature, not infrequently serving to bring about a series of changes outrivolung the most slaborate transformation scenes of a pantornime. Here, on the centrary, the vast white plain was level as the desert of Sahara or the Russize steppes; the waters of the Gallian See were imprisoned beneath the solid sheet, which became

continually thicker in the increasing oold. Appeterned to the uneven revetallizations of their own frozen sear, the Russians could not be otherwise than delighted with the relighed surface that afforded them such excellent opportunity for enjuving their favorite nesture of skuting. A surply of sketce, found hidden away amongst the Debryen's stores, was speedily brought into use. Russians undertook the instruction of the Scanlands, and at the end of a few days, during which the temperature was only endarable through the absence of wind, there was not a Gallian who could

not skate telerably well, while many of them could describe figures involving the most complicated curves. Nina and Pable earned load anginess by their rapid proficiency; Captain Servadac, an adept in athletics, almost outvied his instructor, the count; and Ren Zoof, who had open some yare occasions skated upon the Lake of Montmartre (in his eyes, of course, a sea), performed prodicts in the

This exercise was not only healthful in itself, but it was acknowledged that, in case of necessity, it might become a very preful means of becomption. As Captain Servedse remarked, it was almost a substitute for railways, and as if to illustrate this proposition, Lieutenant Procope, perhaps the greatest expert in the party, accomplished the twenty miles to Gourbi Island and heak in considerably less

The temperature, meanwhile, continued to deerease, and the average reading of the thermometer was about 16° C. below zero; the light also diminished in proportion, and all chiects appeared to be enveloped in a half-defined shadow, as though the san were undergoing a perpetual eclipse. It was not surprising that the effect of this continuously mother earth, and not unlikely, as it seemed, to be

swent far away late the regions of another planet-

to counterport the tendency to descond by continual diversion; and the recreation of skating thus opportagely provided, seemed that the thing to arouse the flagging spirits, and to restore a wholescore With dogged obstingey, Isaac Hakksbut refused to take any share either in the labors or the amusements of the colony. In spite of the cold, he had not been seen since the day of his arrival from Gourhi Island. Captain Servadue had strictly for-

members of the community who could bring any

scientific indemest to hear tone the processinty

that was before them, but a general sense of the

strangeness of their situation could not fail at

times to weigh heavily upon the miscs of all.

Under these circumstances it was very necessary

bidden any communication with him; and the smake that rose from the cabin chireney of the House was the sale indication of the proprietor being still on board. There was nothing to prevent him, if he those, from partaking gratultonely of the valeanie light and heat which were being enjoyed by all besides; but rather than changes his close and personal oversight of his precious carga, he preferred to sacrifice his own slender stock of faci-

Both the schooner and the tarian had been carefully moured in the way that seemed to premise best for withstanding the rigor of the winter. After seeing the vessels made secure in the frozen creek, Lieutenant Prompe, following the example of many Arctic explorers, had the precaption to have the loe beveled away from the keels, so that there should be no risk of the ships' sides being crushed by the increasing pressure; he hoped that they would follow env rise in the level of the lonfield, and when the thaw should come, that they would easily regain their proper pater-line. On his last wish to Courbi Island, the limberson had ascertained that seeth, east, and west, far as

the eye could reach, the Gallian Sea had become one uniform sheet of its. One spot sions refused to freeze; this was the pool immediately below the central cavern, the receptable for the stream of burning laws. It was entirely enclosed by rocks, and if ever a few icicles were formed there by the action of the cold, they were very soon melted by the flery shower. Hissing and splattering as the but lava came in contact with it, the water was in a continual state of challition, and the fish that shounded in its depths defied the angier's creft;

they were, as Ben Zoof remarked, "too much boiled to bits." At the breiming of April the weather changed, The sky became overcost, but there was no rise in the temperature. Unlike the polar winters of the earth, which ordinarily are affected by atmospheric influence, and liable to slight intermissions of their severity at various shiftings of the wind, Gallia's winter was caused by her immense distance from

the source of all light and heat, and the cold was consequently destined to go on steadily increasing until it reached the limit ascertained by Foreign overhanging gloom should be to induce a frequent to be the normal temperature of the realms of space. depression of spirits amongst the majority of the With the over-clouding of the heavens there arose little romaistion, sailes as they were from their a violent temperate but although the wind record with an almost inconceivable fury, it was maccommunied by either enow or rain. Its effect snow the central half was very remarkable. So far from guished by the vehemone of the current of sir. the burricans seemed rather to act as a ventilator. which farmed the flame into greater activity, and the utmost care was necessary to avoid being burnt by the fragments of lava that were drifted into

the interior of the grotto. More than once the cartain itself was rifted entirely asunder, but only to close un again immuliately after allowing a momentary dreaght of cold air to penetrate the hall in a way that was refreshing and rather ed-On the 6th of April after an absence of about

four days, the new estellite, to Ren Zoof's event satisfaction, made its responsance in a croscent form, a circumstance that memed to factify the anticipation that honceforward it would continue to make a periodic resolution every fortnight. The crust of ice and snow was far too start for

the beaks of the strongest hirds to penetrate, and scoordingly large swarms had left the inland, and, following the human population, had taken refuge on the volcanie promontory; not that there the barren shore had anything in the way of pourishment to offer them, but their instruct impalled them to harmt now the very habitations which formerly they would have shunned. Scrums of food were thrown to them from the galleries; these were speedily devoured, but were altogether inadequate in quantity to meet the demand. At length, eveboldened by hanger, several hundred birds ventured through the tunnel, and took up their quarters sotually in Nino's Hive. Congregating in the large

hall, the half-famished creatures did not besitute to aratch bread, ment, or food of any description from the hands of the residents as they sat at table, and soon became such an intolerable nuisance that down - but although they were vigorously attacked by stones and sticks, and even occasionally by shet. it was with some difficulty that their number could be assishly reduced. By a systematic course of warfare the bulk of

the hirds were all exactled, with the exception of about a hundred, which began to hulld in the crevices of the rocks. These were left in quiet poppersinn of their courters on not rolly true it deemed advisable to perpetuate the various breeds, but it was found that these birds acted as a kind of police, never fashing either to chase away or to kill any others of their species who infrinced upon what they amegred to regard as their own overisi veivilage in intruding within the limits of their demain.

On the 15th load cries were suddenly heard issning from the mouth of the principal gallery. Heln belp! I shall be killed!" Pable in a moment recognized the voice as Nina's.

ance of his little playmate, and discovered that she was being attacked by half a dearn creat sea cults. and only after rectiving some severe blows from

their beaks could be succeed by means of a stout andrel in driving them away "Tell me, Nizz, what is this?" he asked as soon as the terruit had subsided.

The child pointed to a bird which she was caressing tenderly in her bosom.

He took the bird, and rushing into the half "Another message, no doubt," cried the captain, "from our unknown friend. Let us home that this time he has given up his name and address." All crowded round, eager to hear the navo. In the strucels with the gulls the has had been ports. ally tern open, but still contained the following dispatch;

the scene of the commetion. "A carrier-gizeon! And by all the saints of Montmartre, there is a

placed it in Servadar's hands

"Gallis! Chessis parcours du 1er Mers au 1er Avril; Distance du seleil: 110,000,000 1. /

Cauté Nérina en passant. Vivres wort manager et .. .

The rest of the document had been so damaged by the beaks of the suils that it was illerible. Servadac was wild with venttion. He felt more and more convinced that the writer was a Frenchman, and that the last line indicated that he was in dis-

tress from searcity of food. The way thought of a fellow-countryman in peril of starvation drove him well-nigh to distraction, and it was in valuable sourch was made everywhere near the scene of conflict in bones of finding the missing agrap that might bear a signature or address. Suddenly little Nina, who had again taken possession of the pipeon, and was hunring it to her

"Look here, Ben Zoof!" And as she spoke she pointed to the left wing

The wing bore the faint impress of a postage stamu, and the one word:

"PORMENTERA." CHAPTER XXIV

Formenters was at once recognized by Serva-

dae and the count as the name of one of the smallest of the Balcaric Islands. It was more than prubable that the unknown writer had thence sent out the reveterious documents, and from the message just come to hand by the carrier-pignon, it appeared all but certain that at the beginning of April a fortuight hack he had still been there. In one important particular the present communication differed from those that had preceded it: it was written entirely in French, and exhibited none of the ecutatic conferentions in other languages that had been remarkable in the two former namera The concluding line, with its intimation of failing provisions, amounted almost to an appeal for help. Cartain Servadae briefly drew attention to these points, and concluded by saying, "My friends, we must, without delay, heaten to the assistance of this unfortunate man

"For my part," said the count, "I am quite ready to accommon years it is not unlikely that he is not alone in his distress."

Lieutenant Procope expressed much surprise "We want have nasted close to Formerless," he said, "when we explored the site of the Balearie

reply. "However amall it may be," replied Servadao, "we must find it. How far off do you suppose it

dene!"

terms to skate seroes to Formenters. The lieutenant, who was lost in thought, made no immediate "I wish we had a sledge," said Ben Zoof, "I dare say that a sledge of some sort could be contriend" said the count: "but then we should been no dogs or reindeers to draw it."

"Why not rough-shoe the two horses?" "They would never be able to endure the cold," objected the count. "Never mind," said Servadae, "let us get our sledge and put them to the test. Semething must be

"I think," said Lieutement Procope, breaking his thoughtful silence, "that I can tell you of a sledge already provided for your hand, and I can suppost a motive power serer and swifter than horses. "What do you mean?" was the easer inquiry. "I mean the Debraua's vaud," answered the lieu tenant: "and I have no doubt that the wind would cerry her rapidly along the ice."

The idea agented admirable. Lieutenent Procone was well aware to what marvelous perfection the Americans had brought their sail-siedres, and had heard how in the yest vegicles of the United States they had been known to outvie the speed of an extreas train, occasionally attaining a rate of more then a hundred miles an hour. The wind was still blowing hard from the south, and assuming that the vawl could be propelled with a velocity of about fifteen or at least twelve langues on hour, he reck-

oped that it was quite nossible to reach Formenters within twelve hours, that is to say, in a single day between the intervals of sancise and sunrise. The vawl was about twelve feet long, and espable of holding five or six people. The addition of a couple of iron runners would be all that was requisite to convert it into an excellent sledge, which, if a sail were hoisted might he deemed certain to make a rapid progress over the smooth surface of the ice

For the protection of the passengers it was proposed to erect a kind of wooden roof lined with strong cloth; beneath this could be nacked a supply of provisions, some warm fure, some cordials, and a portable stove to be heated by spirits of wine. For the outward journey the wind was se favorable as excludible desired; but it was to be amorbonded that, unless the direction of the wind should change, the return would be a metter of some difficulty; a system of tacking might be carried out to a

cortain degree, but it was not likely that the year! would answer her helm in any way corresponding to what would occur in the open sen, Captain Servidec, however, would not listen to any representation of probable difficulties; the future, he said, must mo-The engineer end several of the sailors set virorcasty to work, and before the close of the day the

yawi wee furnished with a pair of stout from runpers, curved unwards in front, and fitted with a directness of her course; the roof was put on, and

beneath it were stored the provisions, the wrens, and the earlying stennils. A strong desire was expressed by Lieuteneut Prooms that he should be allowed to accomment Captain Servedae instead of Count Timaseheff. It was inadvisable for all three of them to go, as, in

posure? you would only kring them away to die." The obvious and dispossionete reasoning of the lieutenant needs not fad to impress the minds of these who listened to him: the impracticability of the fourney became more and more apparent; unrepresented on that drear exponse, any traveler much assuredly succumb to the snow-drifts that were continually being whirled across it. But Hector Servadac, a suffering fellow-creature, could sourcely be brought within the bounds of common sense. Ageinst his better judgment he was still bent upon the expedition, and Ben Zoof declared himself ready

caned our chaervation.

there"

leans to relieve."

"It must be a hundred and twenty leagues away,"

"Why, on skates of course; no difficulty in that,

said the lieutement, thoughtfully; "and I do not

quite understand how you would propose to rat

I abould imprine," answered Servador, and he ap-

pealed to the count for confirmation of his opinion,

abould be most unwilling to throw any unnecessary

obstacle in the way of its execution; but, rarden

me, if I autroit to you a few considerations which

to my mind are very important. First of all, the thermometer is stready down to 22" below pero, and

the keen wind from the south is making the tem-

perature absolutely upendurable; in the second

place, supposing you travel at the rate of twenty

leagues a day, you would be exposed for at least

six consecutive days; and thirdly, your expedition

will be of small avail unless you convey provisions. not only for yourselves, but for those whom you

"We can carry our own provisions on our backs

in knemacks," interposed Servadec, quickly, un-

"Granted that you can," answered the Heutenant,

outetly: "but where, on this level ice-field, will you

find shelter in your periods of rest? You must

perish with cold; you will not have the chance of direing out for-huts like the Esouimaux." "As to rest," said Servadac, "we shall take none;

we shall keep on our way continuously; by traveling day and night without intermission, we shall not

be more than three days in reaching Formenters."

"Believe me," persisted the lieuteneut, calmly, "your enthusiasm is carrying you too far; the feat

you propose is impossible; but even conceding the possibility of your success in reaching your destina-

tion, what service do you imagine that you, halfstarved and half-frozen yourself, could render to

those who are already periabling by want and ex-

willing to recognize any difficulty in the way.

The count assented, but Procone looked doubtful

"Your enterprise is progrous," he said, "and I

animated by the property desire of reaching to ecommony his master in the event of Count Timascheff healtseing to encounter the peril which the undertaking involved. But the count entirely remodiated all idea of shrinking from what, suite as much as the captain, he regarded as a sacred

duty, and turning to Lieutenant Process, told him that coless some better plan could be deviced, be was prepared to start off at once and make the at-

the fixed sters.

Callian year?

space at their command would be quite inadequate. The lituteman targed that he was the most experienced searms, and as such was best qualified to take command of the sledge and the management of the salis; and as it was not to be expected that Servaties would recay his materian of going in person to relieve his follow-countryman, Procops attentived was the salishes of the salishes of the salishes of the vary articles in how his share in the behindsthowing

would record in assentiate of going in periods of Mis own winks to the sount. The record was himself were paraless to have his share in the philasthropic sustepries, and demured considerably to the preposals; he yielded, however, after a time, to Derratice prevent distances, the filter decord would made his services ellion as geowence and protecter, and overcoming his reluctance to the filter due to the pericus advantage, we present the control of the control of the prevent of the control of the control of the prevent period upon to remain behind on the prevent pool of the community at Nimes.

All survive on the following meeting, the 16th of Agril, Gaptain Sevendes and the Sinelanast took their places in the yead. The theremonater was excepted to the properties of the place of the sacrotic that their corresponses helded life the necelarities goes the wast white plain. Hen Zoefe shert was to built for worstly Cause Transached? All the places of the places of the places of the places his besser; the Sprainfards and the Russian railors convoled round for a foreward place for the hard, and little Nius, her great syst should with boars, and in the places of the places of the places of the places are permitted to best large. The solid way agoldyly

heisted, and the shirty, part mi (f %) had empanded as large white man, was in a Blist while carried for away legard the burleon. Light and unempied, they sawl endided on with incredible speed. Two saids, a maintain and a lib, were arranged to earth the wide of the three progress would be suith the whole to the greatest univastage, and the travelers estimated that their progress would be little more the rais of twelve progress would be little more the rais of twelve was throught greatly, the oscillation being less than that of an ordinary raisbay-carriage, while the

diminished force of gravity scentributed to the swiftness. Except that the clouds of lee-dust raised by the motal runners were an evidence that they had not actually left the level surface of the ice, the captain sed isotenear traits again and apain have imagined that they were being correyed through the art in a hallow.

Londonart Process, with his bend all mustled up for fear of fireth-bir; took an occusional year through an operture that bad been intertionally left in the root, and by the help of a compan, mainhained a proper and straight centre for Portentionahained a proper and straight centre for Portentionahained appropriate the straight control of the comtact of the company of the company of the contention paint of view, Servadue forces as methods, were alike impressed by the solutionary of the scen, and when the impressed hyper of the said can all when the impressed by the coloranty of the scen, and when the impressed hyper of the said can all the contents of the said can be seen to the said can.

the disappeared, and deep had given piece to night, the disappeared, and deep had given piece to night, the disappeared, and deep had given piece to night, the guide, mutually held such other's hands in siltener. There had been a new more on the previous ereming; but, in the absurce of mecalight, the equivalent them shows with remarkable helitiancy. The new pale-star close upon the bericen was respinately. The save gale-star close upon the bericen was respinately.

if sorked is his own chapting, Londoness Process had be blesses to convergate some of the present purplessing problems, and to pender over the true astronessbeal possible. The last of the three mysterious decuiments had represented that Gollin, in conformity of
with Kepfer's second law, that revented adone pits
of exhapt the control of March twenty millions
of frequents but may had done in the previous
of the control of the control of the control
and the control of the control of the control
and revertheless been bureased by thirty-two
millions of loganus. So was now, bureefers, in the

his course by the guidance of that alone. However

the sea, it was after all manifestly insignificant in

Observing that Servadee was completely ab-

and had recordishes been increased by thirty-been center of the cone of idencept planets that records between the orbits of Mars and jupides, and bad between the orbits of Mars and jupides, and bad between the orbits of Mars and jupides, and the planets of the orbits of the orbits of the orbits recently identified. If thus, has, it was within be approved cristally Gallike user participation, were it and likely that his newbershall calculations would not likely that his newbershall calculations would be to do not a superior to the contract of the conparison of the contract of the contract

lewing their own fruin of thought, that daylight reapproved almost before the travelier were aware of it. On reconsiding their instruments, they found that they must base traveled slees upon a bunders abadean their speed. The stalls were accordingly internal man fails and in spite of the insteastly of the cold, the explorers ventured out of their shelter, in order that they might reconsider the plans, which was apparently as touches as ever. It was conrelied the haze uniformly of its surface.

"Are we not considerably to the west of Formenters!" asked Servedies, after examining the chart. "Most likely," replied Proops. "I have taken the same ocurse as I should have done at sea, and I have kept some distance to windowed of the islend; we can hear straight down upon it whenever we like." "Bear down then, now; and as quickly as you

The yawi was at once put with her beed to the footbassi, and Captain Servadar, in defience of the livy blast, remained standing at the bow, his game fixed on the horizon.

and by Mail, remained standing of the bow, his give a fixed on the horizon.

Its, All at once his eye brightened.

The "Leek! lock?" he axelakted, pointing to a faint

Tack! lock? he archained, pointing to a faint ant osfline that broke the monetany of the circle that and divided the plane from the sky.

It an instant the instement had seized his tele-

g stops.

"I see what you mean," said he; "It is a pylon that has been used for some geodesic survey."

The next meanent the said was filled, and the yawl was burning down upon the object with intenceivant was burning down upon the object with intenceivant of the swiftness, both Captain Servadae and the Heatership or centred to atter a word. Mile after mile

56 AMAZING the distance rapidly grew less, and as they draw nearer the pylon they could not that it was exected

meaner the pyion they could not hast it was excelled on a low mass of rocks that was the sole inferruption to the dail lovel of the field of ice. No wreath of smoke rose above the title inland; it was menifestly impossible, they conceived, that any human being could there have survived the cold; the safe presentlment feered itself upon their minds that it was a more cairs to which they had been harrying.

was a more carry to which they had been kurrying. Ten mixes a late, and they were no near the redshat the lieutenant took in his sail, convinced that the lieutenant took in his sail, convinced that the impetua integral stationed would be sufficient early been to the last. Revealed, beart bussels in early been to the last, for everywhy heart bussels in early been to the last. Revealed, beart bussels in the wind from the top of the system; it was all that your varieties of the French anticoast standard. At the first of the pylon steed a mixerable shock, for shutters tightly choost. No other habitation was to be save; the entire titled was its action was to be save; the entire titled was its action was to be save; the entire titled was its action.

clusion was irresistible that it was the sole surviving remant of Formesters, once a member of the Bularic Archipelago.

To lesp on shore, to clamber ever the supperstense, and to reach the cable was but the work of

a few memorate. The worse-eaten door was bolied on the inside. Serveduc began to knock with all his

might. No answer. Neither shouting nor knocking could draw forth a reply.

"Let us force it spen, Precept?" he said.

The two men put their shoulders to the door, which soom yielded to their vigorous effects, and they found themselves ionide the sheel, and in almost

total darkness. By opening a shatter thay admitted had no what daylight they could. At first sight the throug wretched place seemed to be described; the little warmt

guished; all looked black and desciate. Another matent's investigation, however, revealed a hed in the extreme corner, and extended on the hed a haman form.

"Dead?" sighed Servedoo; "dead of cold and hunper?"
Lieutenant Procepo bent down and anxiously con-

templated the hody.

"No; be in alive!" he said, and drawing a small flask from his pecket he poured a few drops of brandy between the lips of the senseless man.

There was a faint eigh, followed by a feable voice, which attend the one word, "Gallia!"
"Yes, yes! Gallia!" echoed Servadee, cagerly, "My comes, my comet!" said the voice, so less as

"My cornect, my conset?" said the voice, so low as to be almost inscalible, and the unformate marelapsed again into unconseteurous. "Where have I now this man?" thought Servadae to himself, "his face is often;poly fagulius to me."

But it was no time for deliveration. Not a morest was to be but in getting the sensenteers assume away from his deschale quarters. He was soon conveyed to the yearly his bodes, his sently wardrobe, his papers, his instruments, and the hischbard within had served for his calculations, were quitably cellected; the wind, by a fortuitous they are the real with a large control of the control of the

on their journey back from Formestera.
Thirty-six hours hister, the brave travelers were,
greeted by the acclamations of their fillowesho
inist, who had been must auxiously availing their
treappearance, and the still seemelars assent, who
had neither optond his eyes nor speken a word
throughout the journey, was safely deposited in the
warmth and accurity of the erreat hall of Nina's

since extin- Hive.
END OF PURST BOOK

Move that you have looked over the first issue of AMAZING STORIES, but colling would be very much life to show how you like the saw magazine. In the coming least we shill probably was a department entitled "Readers problems in connection with these asorties. Very other to you are presided ever certain selectific matter consisted on most of this life and wish to get more of all, and will try to publish all letters received town readers of AMAZING

If, on the other hand, you have comments, criticisms, and suggestions, be good enough to it to have all of them. The officer would also like to know whether you like the present makesp of the magniture that is, one story in two parts, as, for instance, the nor we greened that more officer of commitwish the balance in the next same—or whether you would rather have the complete same in one takes, which the these stories as officient on the wearest

number.

Rest assured that the editor will be guided by the majority at all times.

A word from you will be greatly appreciated.

__EDITOR

The NEW ACCELERATOR By H. G. Wells



the effect the thing had on me. That there are automiching experteness in store for all in search of new sensetions will becene apparent enough. Professor Gibberne, as many If TE grouph to my in constraint the min of the matter. He may be made and the matter of the matter. He me the matter of the matter of the matter. He may be made an admittant of the matter of the ma

may, furthern, recall the high foreitsed and the singularly little foreitsed and the singularly little foreits and the singularly little foreits and the singular little fact. He occupies ees of these pleasant little detached because in the mixed with that make the gate Bood so interesting. He is the one with the Flennish galles and partico, and it is in the little recent with the mullipress little recent with the mullipress is down here, and it which of an executing we have as often scroked.

mighty jester, but, besides,

trigger."

"Or in fenzing," I echoed

low the conception of the New Accelerator right unfrom a very early stage. Of course, the greater portion of his experimental work is not done in Folkestone, but in Gower Street, in the fire new laboratory next to the hospital that he has been the first

to pro. As everyone knows, or at least as all intelligent people know, the special field in which Gibberns has

physiologists includes the action of drugs upon the pervous system. On the appoints of socorties. sedatives, and anacathetics he is, I am told, unequalled. He is also a chemist of considerable eminence, and I surpose in the subtle and complex tangle of riddles that shadows the ganglion onll and the axis fibre there are little cleared places of his making. Ettle glades of illumination, which, until he ages fit to publish his results, are still inaccessible to every other living man. And in the last few years he has been particularly assiduous upon the question

of nervous stimulants, and already, before the discovery of the New Accelerator, had attained great success with them. Medical science has to thank him for at least three distinct and absolutely safe inviporators of universities value to reactivity toru-In cases of exhaustson the preparation known as Gibberge's B Syrup bas, I suppose, saved more lives already than any lifeboat on the coast.

"But none of these little things begin to satisfy me vet." he told me nearly a year ago. "Either they increase the central energy without affecting the perves or they simply increase the available energy by lowering the reconst conductivity; and all of them are unequal and local in their operation. One wakes up the heart and viscers and leaves the brain stuneded, one gets at the brain, chargeonne fashion. and does nothing good for the solar plexus, and what I want, and what, if it's an earthly possibility,

I mean to have is a stimulant that atimulates all round, that wakes you up for a time from the crown of your head to the tip of your great too, and makes you so two-or even three to everybody elas's one. Eh? That's the thing I'm after." "It would tire a man," I said.
"Not a doubt of it. And you'd eat double or

troble-and all that. But just think what the thine would mean. Imagine yourself with a little phial like this"—he held up a little bottle of green glass and marked his points with it-"and that in this provious wheel in the newer to think twice on feet move twice as unickly, do twice as much work in a given time as you could otherwise do."

But is such a thing possible?" "I believe so. If it isn't, I've wasted my time for a year. These various perparations of the largephosphotes, for example, seem to show that something of the sort, . . . Even if it was only one and

a half times as fast it would do " "It seemld do," I said. "If you were a statermen in a corner, for example,

time rushing up against you, something urgent to be done, ch?" "He could dose his private secretary," I said "And main-double time. And think if you, for example, wanted to finish a book." "Usually," I said, "I wish I'd never begun 'em. "Or a doctor, drives to death, wants to sit down

"And in a duel, again," said Gibberne, "where it all depends on your quickness in pulling the "You see," said Gibberee, "if I get it en an allround thing it will really do you no harm at allexcept perhaps to an infinitesimal degree it brings you nearer old age. You will just have lived twise to other peoples once-"I suppose," I meditated, "in a duel-it would

"Worth a culnes a drop," said I, "and more-to

to fair? "That's a question for the seconds," said Gib-I harked back further, "And you really think

such a thing is possible?" I said.
"As possible," and Gibberne, and glanced at something that went throbbing by the window, "as a motorius. As a matter of fact-He paused and smiled at me deeply, and tapped

slowly on the edge of his desk with the erren phist. "I think I know the stuff. . . . Already I've get something coming." The nervous smile upon his fare betrayed the crayity of his revelation. He rarely talked of his actual experimental work, unless things were very near the end. "And it may be, it may be-I shouldn't be surprised-it may even do the thing at a greater rate than twice."

"It will be rather a hir thing." I hazarded. "It will be, I think, rather a big thing." But I don't think he quite knew what a big thing it was to be, for all that,

I remember we had several talks about the stuff after that, "The New Accelerator," he called it. and his time about it every more confident on each occasion. Sometimes he talked nervously of unexpected physiological results its use might have, and then he would get a little unhappy; at others he was frankly merespary, sad we debuted long and anxiously how the preparation might be turned to examercial account. "It's a good thing," said Gibborns, "a tremendous thing. I know I'm giving the

moreld agmething, and I think it only resourable we should expect the world to pay. The dignite of science is all very well, but I think somebow I must have the managed of the stoff for say ten years. I don't see way all the fan in life should go to the dealers in ham." It seemed to me that Cibberns was really mea-

paring so less then the absolute acceleration of life. Surpose a man repeatedly desed with each a preparation; he would live an active and record life indeed, but he would be an adult at eleven, reldflesord at twenty-five and by thirty well on the road to secule decay. It seemed to me that so far Gibberne was roung to do for anyone who took his drogevently what Nature has done for the laws and

Orientals, who are men in their teens and acred by fifty, and quicker in thought and act than we are all the time. The marvel of drugs has always been great to my mind; you can madden a man cales a man, make him incredibly strong and abort or a

helpless log, outcken this passion and allay that, all by means of drum, and here was a new reirsely to be added to this strange armory of phisis the doctors use! But Gibborne was far too enger upon

his technical points to aster very keenly luto my It was the 7th or 8th of August when he told success for a time was going forward so we talked. and it was on the 10th that he told me the thing was

done and the New Arcelerator a tenseible reality on the world. I met him as I was going up the Sandrate Hill toward Folkestone-I think I was going to get my hair out, and he came hurrying down to meet me-I surpose he was coming to my house to tell me at once of his sureers. I remember that his eyes were anusually kright and his face flushed, and I noted the swift algority of his sten. "It's done," be cried, and gripped my hand,

speaking very fast; "it's more than done. Come up to my house and see."

"Really ?" "Really!" he shouted. "Incredibly! Come up

"And it does-twice?" "It does more, much more. It sesses me.

up and see the stuff. Trate it! Try it! It's the most amosing stuff on earth." He grouped my arm and walking at such a race that he forced me into a trot, went shouting with me up the hill. A whole power-bus of people turned and staned at us in

unisco after the manner of people in power-buses. It was one of those hot, clear days that Polkestone seen so much of, every color incredibly bright and avery outline hard. There was a brane of course

but not so much breeze as sufficed under these con-"I'm not walking fast, am I'm cried Gibberne, and slarkymed his page to a quick march "You've been taking some of this stuff," I puffed,

"No," be said. "At the utmost a drop of water that stood in a healow from which I had washed out the lest truces of the stuff. I took some last eight you know. But that is ancient history, now." "And it ross twice?" I said, nearing his deepway in a grateful perspiration

"It goes a thousand times, many thousand times," orled Gibberne, with a dramatic gesture, flinging open his Enriv Reglish carved oak gute. "Phew," said I, and followed him to the door. "I don't know how many times it coes," he said.

with his istch-key in his hand. "And you --" "It throws all sorts of light on nervous physiology, it kieks the theory of vision into a perfectly new "Heaven knows how many thousand

shape." . . . times. We'll try all that after. The thing is to try the stuff now."

"Try the stuff?" I said, as we went along the passage. "Stather," said Gibberne, turning on me in his study. "There it is in that little green phial there. Unless you happen to be afruid, I am a careful man by nature, and only theoreti-

cally adventurous. I sees afraid. But on the other hand, there is reids. "Well," I heareled. "You say you've tried it?" "I've tried it," he said, "and I don't look hurt by it, do 17 I don't even look livery and I feel-"

I sat down. "Give me the potion," I said. "If the worst somes to the worst it will save having my bair out, and that I think is one of the most hateful

He stood up in front of his deak and regarded me in his casy chair; his manner was suddenly af-fected by a touch of the Harley Street specialist. "It's rum stuff, you know," he said. I made a cesture with my head "I must warn you so the first place so soon as

you've got it down to shut your even, and court them very esutlossly in a minute or so's time. One still sees. The sense of vasion is a question of length of vibration, consequently of frequency of immediabut there's a kind of shock to the retine, a masty gidds confusion just at the time, if the even are

"With water," said Gibberne, wharking down a

open. Keep 'em shut." "Shut," I said. "Good?" "And the next thing is, keep still. Don't begin to whack about. You may fetch accepthing a mostly rap if you do. Remember you will be soing several thousand times faster than you ever did before,

beart, lungs, muscles, brain-everything-and you will hit hard without knowing it. You won't know it. you know. You'll feel just se you do now. Only everything in the world will seem to be going ever so many thousand times slower than it ever went

before. That's what resides it so doured queer." "Lee"." I said. "And you mean-"You'll see," said he, and took up a little measure. He glanced at the material on his deak, "Glances," be said, "water. All here. Musta't take too much for the first attempt." The little phiel plurbed not its presions contacts "Don't forget what I told you," he said, turning the

written measurable whisher "first with the even tightler abut and in absolute stillness for two minutes," he said. "Then you will hear me spenk." He added an inch or so of water to the little dose "By-the-by," he said, "don't per your ofuse down.

Keep it in your hand and rest your hand on your knee. Yes-so, and now--He raised his glass. "The New Accelerator," I said. "The New Accelerator," he naswered, and we

touched glasses and drank, and instantly I closed You know that blank non-existence into which on drops when one has taken "eng." For an indefinite interval it was like that. Then I heard Gibberns telling me to wake up, and I stirred and council my eyes. There he stood as he had been atunding, glass still in hand. It was empty, that was all the difference.

"Well?" said L "Nothing out of the way?" "Nothing. A slight feeling of exhibiration, per-

hape, Nothing more," Sounds? "Things are still." I said. "By Joye! Yea! They ere still. Except the sort of faint pat, patter, like

rain falling on different things. What is it?" "Analyzed sounds," I think he said, but I am not sura. He classed at the window. "Have you ever

seen a curtain before a window fixed in that way I followed his eyes, and there was the end of the

there!"

curtain, frozen as it were, corner bigh, in the act of flamping briskly in the brosse. "No," said I; "that's odd."
"And here," he said, and he said, and opened the hand that held the class. Naturally I winced, experting the place to amosh. But so far from smeaking it did not even seen to stir; it hung in mid-air-motionless. "Roughly speaking," said Gibberne, "an object in these intitudes falls 16 feet in a second now.

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Only, you see, it hous't fallen yet for the hundredth part of a second. That man was some idea of the page of my Accelerator." And he waved his hand round and round, over and under the slowly sinking glaza. Finally he took it by the bottom, polled it down, and pieced it very carefully on the table. "Els?" he said to me and lasehed "That seems all right," I said, and hegan very

pingerly to raise myself from my chair. I felt narfeetly well, very light and comfortable, and quite confident in my mind. I was going fast all over. My heart, for example, was besting a thousand times a second, but that caused me no discemfort at all. I lecked out of the window. An immevable evolist, head down and with a freezn nuff of dust behind his driving-wheel, scorched to overtake a esilicaine aker-a-bane that did not stir. I sweed in amazement at this incredible spectacle "Cliberge I ersed, "bow long will this confounded staff hast?"

"Housen known!" he answered. "Lost time I toole it I went to bed and slept it off. I tell you, I was frightened. It must have lasted some mirrates, I think-it seemed like hours. But after a hit it slows Acor rather enddedy I believe I was proud to observe that I did not feel fright-

ered...I surroose because there were two of us. "When shouldn't we are det !" I naked "Why not?" "They'll see us." "Not they, Goodness no! We shell be going

a thousand times faster than the culckest conjuring trick that was over done. Come along! Which was shall we go? Window, or door?" And out by the window we wont Assuredly of all the strange experiences that I

have ever had, or imagined, or read of other people having or imagining, that little raid I made with Gibbone on the Folkestone Leas, under the inforces of the New Accelerator, was the strungest and moddent of all. We went out by his oute into the road, and there we made a minute examination of the statuesque passing traffe. The tops of the wheels and nome of the legs of the bursen of this shor-a-base, the end of the whip-lash and the lower iow of the conductor who was just hericalor to yawn were perceptibly in motion, but all the rest of the lumbering conveyance seemed still. And quite noiseless except for a faint rattling that came from one man's threat! And as parts of this freezn edifice there were a driver, you know, and a conductor, and eleven people! The effect as we walked about the thing began by being modly oweer, and ended by being-disnoveshie. There they were, people like ourselves and yet not like ourselves, frusen in careless attitudes, canrit in mid-resture. A girl and a man smiled at one another, a learing smile that threstead to last for everyone; a woman in a floore espelline rested her arm on the rail and stared at Gibberre's house with the unwinking stare of

etersity; a man stroked his mustoshe like a figure

stared at them, we laughed at them, we made faces at them, and then a sort of disgust of them come upon us, and we turned away and walked around in front of the cyclist towards the Less.
"Goodness!" cried Gibberse, suddenly; "look He pointed, and there at the tip of his faseer and sliding down the air with wings fispeing slowly and a bee.

of wax, and another stretched a tirescene stiff hand

with extended fineces towards his loosened hat. We

And so we come out upon the Leas. There the thing seemed madder than ever. The band was playing in the upper stand, though all the sound it made for us was a low-mitched, wheere rattle, a root of prolonged has sigh that persed at times into a sound like the slow, muffed ticking of some monstrous clock. From people stood erect, strange, silent, self-conscious-looking dummins bung unstably in mid-stride, promenading upon the grass. I passed close to a little peedle dog suspended in the not of learning, and watched the slow movement of Gibberse, and we balted a moment before a magnificont person in whote faint-struned flantels, white shoes, and a Panama hat, who turned back to wink at two garly dressed ladies be had passed. A wink, afford, is an unattractive thing. It loses any quality of sigrt guicty, and one remarks that the winking eye does not correlately close, that under

its drooping lid appears the lower edge of an eyebell and a little line of white. "Heaven give me memory," said I, "and I will never wink again." "Or armis," said Gibberre, with his eye on the lady's assumating touth. "It's infernally hot, somehow," said I. "Let's go alower. "Oh, come along!" anid Gibberne

We picked our way among the bath-chairs in the path. Many of the people sitting in the chairs seemed almost natural in their passive poses, but the contorted scarlet of the bandsmen was not a restful thing to see. A purple-fixed little gentleman was freezn in the midst of a violent struggle to refold his newspaper assignt the wind; there were many evidences that all these people in their sluggish way were expected to a considerable breeze, a brocce that had no existence so far as our sensations went. We earne out and walked a little way from the growd, and turned and regarded it. To see all that multitude changed to a nicture, smitten rigid, as it were, into the semblance of realistic wax, was impossibly wenderful. It was abourd, of course, but it filled me with on irretional, an explicit sense of superior advantage. Consider the wonder of int All that I had said and thought, and done since the stuff had begun to work in my wine had henreaed. so far as those people, so far as the world in general went, in the twickling of an eye, "The New Accelerator----" I began, but Gibberne interrusted

"There's that infernal old woman!" he said. "What old weman !"

"Lives next door to me," said Gibberse, "Hen a landog that yaps. Gods! The temptation is strong?" There is something very boyish and impulsive about Gibberne at times. Before I ossid expostulate with him be had dashed forward, snathed the anforentant annual out of wilding nationers, and was running violently with it towards the citif of the Laza. It was note actuarcinence. The little break, you know, disn't have or wrights or make the attitude of surrenient's upone, and Ghibarre held it by the sack. It was like running shout with a fororwood, "Ghibarre," I cried, pages it down? Thus I said surrenient's recover, and it down? Thus I said surrenient's recovery on the that "Gibline towards are point gluowes as it at".

He cloped his hard on his thigh and stood hesitating on the verge. "Gibberne," I cried, conting up, "put it down. This heat is too much! He

our renting so. Two or tion of the air?"

""Dant" in said, planning at the dog.
"Pretain of the sain," I should. "Pretation of the sain," I should. "Pretation of the sain, Garage and the sain, Garage and the sain, Garage and the sain, Galacemed Galacemed, and every pretains and a sert of perspiration. You can use people stating, shighly. I ballowe the staff's working off! Put that dog down."
""The "be sain,"

"H's working off," I repeated. "We're too but and the stuff's working off I be wet through." He stared at me. Then at the hand, the wheely cattle of whose performance was certainly spine faster. Then with a tremendous away of his arm strength of the stuff of the st

But we could not get out of it thereity trough Luckity, perhaps; Few we might have true, and if we had you we should, I believe, have burst into me had you we should, I believe, have burst into finest! You know we had nitted on thought of that. . . But believe we could even height to extra the action of the steps had cound. It was the artest of the five house of the steps of the effect of the New Acodemicie passed like the drawing of a centum, wealthed in the convented of a hoad. I haved diffusionate wows in infinite alone.

hand. I heard differents worse in infinite claims, "rise down," he said, and long, down upon the terf at the clope of the Leas I sat—soorelate as I sat-There is a pitch of hornir grease three still where a long on the long of the lo

passed into words, the wisker finished his wisk and west on his way complacently, and all the souted people moved and spoke. The whole world had come alive again, was going as fast as was were, or rather we were going so faster than the rest of the world. It was like stewing down as one come into a railway station.

Everything seemed to spin around for a second or two, I had the most transient feeling of assass, and that was all. And the Bittle dog whole had seemed to bring for a moment when the force of Gibberne's arm was expended fell with a swift acceleration clean through a lady's parasoi!

That was the saving of us. Daises it was fee one organizated sing patients in a fastivist, who cartainly did start at the sight of as and aftermed a case of the saving of

canned by the fact that a respectable, overfad landon aleming reletly to the east of the hardstand about anddenly fall through the peracol of a lady on the west--in a slightly singul resulting due to the entrems substituted the recomments through the acr In these abund days, too, when we are all trying to be an payehit, and silly, and superstitions an psyable! People got up and trod on other necels. theirs were envetored, the Lass relicemen ran How the matter settled itself I do not know-we were rough too prayions to discretangle opposition from the affair and out out of more of the see of the old conteman in the hath-chair to make minute manifers. As soon as we mare sufficiently cond and sufficiently recovered from our giddiness and nauses and confusion of mind to do so we stood on and skirting the ground directed one stone hear stone the road below the Metropole towards Gibberne's house. But amidst the din I heard were distinctly

the gentleman who had been sitting beside the lads

of the runtured numbers using onthe uninetifiable

ands who have "inspection" written on their case, if you didn't thew the days," has all "who didn't have for disting a series of the control of the control

We stock, brewere, that the window-sall on which was ded stepred in petiting not of the boson was and stepred in petiting root of the boson was feet on the greed of the path were summally drop. So it were 1 had not gried experience of the New Academics. Practically we had been rounding about 6 of a second or as of time. We had loved had an love whith the head had placed, pertage two laters, were the state of the period of the New Academics. Occasioning all things, and particularly considering all things, and particularly considering art relation in wentling and the boson. The

disagreeable than it was. It showed, no doubt, that Gibburne has still much to learn before his (Coxtinued on more 94)

The MAN from the ATOM By G. Peyton Wertenbaker

AM a lost soul, and I am heroscick. Yes, a heroscick yes, because Yet how vain in heroscickness a home! I can but he slok for a home! I can but he slok for a home that he agone. For my horse departed militans of years and there is now recommended.

home that has gone. Far my home that has gone a Yer my home departed millions of years any, and there is new not seen a fixed of the former existence. The second is a second of the sec

of the greatest importance. I may explain that the Professor was one of those neyterious constant, genuines when Science would not recognize because they accorded by extreme the sourced the petities of the sum who represented Science. Moreover, the sum of intense imagination, and where the ordinary man crept along freem detail to desting the sum of t

complete model before being rate to visualize the results of his week, Professor Martyn first grasped the great results of his contemplated work, the vast, farreaching effects, and then built with the end in view.

The Professor had few friends. Ordinary

men avoided him because they were unable to understand the same properties of the Valence of the Control of the Control of the Control of the prictures of words and aniversor, they study ground enong pittures of his words on princip eager. That was their impression of a word. A group of letters the control of the Initial Landon of the Control of the Control of the Initial Landon of the Initial

was their impression of a word. A group of latters, fill was of the picture it presented in his mind. I, newswe, though I had not the nightest chilm to circuitife heavest-day, was remarked to a high degree, and always willing to carry out his strange experiments for the sake of the selventure and the strangeness of it all. And so the adventures were count. I had a musterious presenance ready to fur-



of my growth, when my trot would high to sever an immoran erea, said I would be also exhibity to spore.

ged sith me with the unusual. He had a willing such that jeet to up out his inventions, for he reasoned quite seen, nationally that should be hisself perform the arl princents, the world would be in danger of looking to a neutrality it might overlately have need of. one. And so if we that It native the his will will be relied to the second of the principle of

I know that I was in for an adventure, certainly

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school without heine entirely expensed it in

this principle that in used in shrinking. I hardly

understand the thing's mechanism muchf-it was the ment of an assident-but I know that the me-

thing not only divides every plom, every molecule.

every electron of the body into two exactly equal

parts, but it accomplishes the same feat in itself.

these bearing waves with the manipulator. The matter

it removes from the body is reduced to a gaseous

from and left in the six. There are six wires that

was do not see, which connect with the body, while the morbine itself is placed on the chest hald by

a awall belt that earries wires to the front of the body where the two controlling buttons are pieced.

urner button, and the machine then extracts atoms

from the air which it converts, by a reverse method

from the first, into atomo plantical to certain others

in the hear, the two atoms then formed injuly into

cent that it works by means of storele energy. I

was intending to make an atomic energy motor,

when I observed cartain parts to increase and

diminish strangely in size. It was practically by blind instinct that I have worked the thing un-

And now I feer I shall not be able to discover the

screens of two atomic engages until I can not breather

with great care, another such reaching for I are

afreid to risk takens this seast for analysis? "And I." I said suddenly, with the awe I falt for

"An I said. I have little idea of my fougation or-

one large particle of twice the original size.

"When the user wishes to grow, he present the

startitus, possibly fatal. I had no delusions con-I found Professor Martyn in his inherencey bendbee, with the even of a miner counting his gold, over poolest. He did not see me for a moment, but when he draile leaked on with a sigh of regret that he must tear his even away from his new and wonderful brain,child, whatever it might be he seved me a little restoudily into a chair, and sank down to

one bimself, with the muchane is his lan. I waited. places gravelf in what I considered a recentive "Kirby," he began abruptly at last, "have you over read your Aires in Wonderland?" I seemed

perhaps, in my surprise. "Alice in-1 are you taking, Professor?"

"Certainly not," he assured me, "I speak in all arriomenes." "Why, yes, I have read it many times. In fact, it but always struck me as a book to agreed more to

an adult then to a child. But what-I can't see just how that is important." He swited "Perhans I sen playing with yea undisk," he sold. "but do you remember the episode of the two pieces

of cheese, if my own recollection is correct, one of which rende one more the other shrink?" Topography "Day " I said intends to the "Control of you corned tell me you have event your time in nee-

paring magical cheeses?" He hughed along this time, and then, seems my discomfort, unburdened "No Kirby, not just that, but I have indeed constructed a marking that you will be incompile of he-

lieving until you try it. With this little object in my ksp, you could grow forever, until there was nothing left in the universe to surpass. Or you could shrink so as to observe the minutest of atoms. standing upon it as you now stand upon the earth It is an invention that will make secentific knowl-

with flushed face and elemping aven. I regid find nothing to say, for the thing was collosed. magnificent in its resaihillities. If it worked, But I could not regist a sment. cion of so tiny a machine. "Professor, are you in shoolste correct?" I cried. "Have I ever Sested

IN "Alice in the Looking Glass" the beautiful play of funcy which gone immartal func to a imprope and mothermaticies we read of the ingererious change in size of the Arraine, the characog fittle Afric. It will mir. But here ter have decrease in size and pushed to ats atmost firm). Here we have treated the growth of a man to comme discretions. And we are teld of he 'tremes consider and are he are teld of her

such a discovery quite perceptible, I fear, in my tone, "I am to try out this machine?" "If you are willing," he said simply "You must restize, of course, that there are a multitude of unknown dangers. I know nothing of the complete effects of the reschine. But my experiments on inanimate objects have seemed satisfactory." "I am willing to take any risks," I said crebusisstically, "If you are willing to risk your great machine. Why, don't you

realize. Professor that this will revolutionize Science? There is nothing hardly that will be unknown, Astronomy will be complete, for there will be nothing to do but to increase in size enough to observe beyond our atmornitere, or one could

about so wonderful a thing?" he retorted quietly. I knew he had not. "But surely that is merely a model?"

"It is the machine steelf?"

I was too astroppied to speak at first. But finelly, "Tell me about it," I gasped. "This is certainly the most fanisatic invention you have made vet! How does it week?"

"I am afraid," suggested Professor Marten, "that you could not understand all the technical details. It is horribly complicated. And besides, I am areless to try it out. But I will give you an idea of it. "Of course, you know that an object may be divistand upon worlds like rooks to examine others." "Exactly. I have calculated that the effect of a hure foot covering whole countries would be slight. so equally distributed would the weights he. Probably it would rest upon tall buildings and trees with ease. But in space, of course, no support "And then, as you said, one could shrink until

the musteries of electrons would be revealed. Of course, there would be danger in decreating late

apparent nothingness, not knowing where a new world-atom could be found upon which to stand. But dangers must be risked." "But row, Kirty," remarked the Professor offcially. "Lime passes, and I should like you to make

your little journey soon that I may quickly know of buttons on my chest, and connected the six wires its results. Have you any affairs you would like to the arms and other parts of my hody to put in order, in case-" Professor Martyn grasped my hand then, and

AMAZING STORIES

"None," I said. I was always ready for these experiments. And though this promised to be magnificently momentous. I was all ready. "No, if I return in a few bours, I shall find everything all right. If not, I am still prepared," He beamed in ap-"Fine. Of course you understand that our exeriment must take place at some secluded spot. If you are ready, we can proceed at once to a coun-

try laboratory of mine that will. I think, he safe," I pasented, and we heatily degreed our everyouts. the Professor spending a moment or two collecting nome necessary arearatos. Then we necked the ma-

chine in a safe hox, and left his home. "Are you all ready, Kirby?" The Professor's voice was firm, but my practiced our could detect the elightest vibrations that indicated to me his intense inner feelings. I heeftsted a moment. I was not afraid of going. Never that, But there seemed something partaking almost of finality about this

departure. It was different from anything I had ever felt before. "All ready, Professor," I said cheerfully after a brief moment. "Are you going to magnify or minimize yourself ?" "It shall be growth." I snawered, without a mo-

ment's heritation there. The stars, and what lay beyond. . . . It was that I cared for. The Professer kokad at me carnestly, deeply engrossed in thought. Finally he said, "Kirhy, if you are to make an expersion into interstellar space, you swallos that not only would you freeze to death, but

also die from luck of air." Welling to a cabinet in the year of the room beopened it and withfrew from it some strange lookine veranhernalis. "This," he said, holding on a sucer looking suit. "Is made of a great quantity of interlocking metal cells, hermetically scaled, from which the air has been completely eahausted so as to give the cells a bigh varuum. These senarate cells are then moun into the fabric. When you wear this suit, you will, in fact, he enclosed in a

sort of thermas bottle. No heat our leave this suit. and the most intensive cold cannot penetrate through it." I quickly got into the suit, which was not so heavy as one might imagine. It covered not only the entire body, but the feet and hands as well, the hand After I had matter into the soil the Professor placed ever my head a sort of transparent domewhich he explained was made of strong unbresh-

part being a cort of mitten. able bakelite. The globe itself really was made of several globes, one within the other. The globes, only touched at the lower rim. The interstices where the globes did not touch formed a varuum. quently best could not escape from the transparent head niese now could the cold some in. From the back of this head gear, a flexible tube led into the

He then placed the wonder machine with its row

"Then ecodbys, Kirby, for awhile. Press the first button when you are ready to go. May the Fates The Professor next placed the transparent head gear over my bood and secured it with attachments to my vacuum suit. A strange feeling of quietness and solitude came over me. While I rould still see the Professor, I could hear him talk no longer as sounds eatment pierce a vacuum. Once more the

said in his firm, opiet voice:

be with you!"

Then, semphow, I found myself pressing down the unperment of these bettern. Instantly there was a tingling, electric flash all through my body. Martyn, trees, distant buildings, all segmed to about away into nothingness. Almost in pance, I puched the middle button. I stormed. I could not help it. for this disappearing of all my world acted upon my consciousness. I had a strange feeling that I was I looked down, and Professor Martrn, a tiny speck in an automobile far below, waved up to me

cheerfully as he started his our and began to speed sway. He was fitting the immediate danger of my growth, when my feet would begin to cover an immense area, until I could be almost entirely in space. I gathered my common appoint, ferrely, and research the top button again. Once more the earth began to get smaller, little by little, but faster. A tingling sensation was all over me, exhibitating if almost painful where the wires were connected upon my foresems, my legs, about the foreband, and upon my chest It did never seem as though I was changing, but rather that the world was shrinking away, faster

and faster. The clouds were falling upon me with threatening swiftness, until my head broke suddenly through them, and my body was obscured, and the earth below, save tiny glumpses; as though of a distant landscape through a for. Far away I rould non a few tall grant that broke through come as had I, scorning from their majortic height the world below. Now indeed, if never before, was ver bend "among the clouds!" But even the clouds were going. I began to get an idea of the earth as a great hall of thick cloud.

There was a pricking agastion beneath my fret. as though I stood upon nine seedles. It grow me a feeling of power to know that these were tress and I began to feel insecure, as though my support were doing something stealthy benesth me. Have you ever seen an elephant perform upon a little roll-

ing ball? Well that is bow I falt. The earth was rotating, while I no longer could move upon it. While I pondered, watching in some aborn as it became more and more like a little bell a few feet thick, it took matters in its own hand. My feet slipped off, suddenly, and I was bying shootstaby metionless, powerless to move, in space I watched the earth awhile as it should and ever-

interior; this tube being connected to a small comobserved it now as it moved about the sue. I could pressed oxygen tank, which the Professor strapped

see other planets that had grown at first a trife larger and were now getting smaller again, short the same size so the earth, tiny bulls of no THE MAN EDOM THE ATOM

diffuse it. It was a great blinding ball of fire year my feet now, and the planets were traveling about it swiftly. I could see the light reflected on one side durk on the other, on each planet. The sun could be seen to move percentibly too, though very slightly. As my foot grow broom, threatening to surpended in the sky in a half-citting nosition as I

Turning my head away all at once, I observed in some surraine that some of the story were grove. ing larger, coming paster and pearer. For a time I watched their swift cormuch, but they gradually seamed to be estime smaller rather than larger. I

looked again at my own system. To my emperment. it had moved what seemed about a yard from its former position, and was much anteller. The planets I saw no longer, but there were faint streaks of light in circles about the age, and I understood that these were the turcles of the worlds that your massed

I could see all the stars moving hither and you your although they still continued to spreas shows and closer together. I found a number bring practically on the plane of my chest, but above that they seemed to cause. I could now see no planets, only the ties and receipt forther and further, faster and faster along its path. I could discern, it soemed to me, a trend in its and its commanious' noth. For

on one side they seemed to be going one way, and the conceile way on the other. In front, they seemed to more series was vision. Gendually I come to understand that this was a great circle swinging westly shout me, faster and faster

I had grown until the stars were circling now shard you less. I germed to be the center of a bone vortex. And they were coming closer and closer torother, as though to hem me about. Yet I could not move all of me away. I could only move my limbs and head in relation to my stationary body The nearest star, a tiny bright speck, was a few vards away. My own sun was like a beight neefed upon a blackboard. But the stars were coming nearer and nearer. It seemed necessary for me to

move somehow, so I drew my legs up and shot them out with all my force. I began to move about away, having acted upon what little material aubstance there was in the ether. The stars were seen only a few feet event below me, then a few inches, and suddenly, looking out beyond them. I was atruck with the feet that they seemed to be a great group, isolated from a number of far distant hictohra that were spart from these

The stare were moving with incredible swiftzens now about a center near which was what I impained to be the sun, though I bed lost truck of it somehow. They merged closer and closer together, the vast group shrenk more and more, until finally they had become indistinguishable as entities. They were all part of a huge cloud now, that somed somehow familiar. What did it surpost? It was note diffused at the ends, but thick and white in the center. like a rebul- a rebule! That was it! A great light

broke over me. All these stars were part of a great

nebulse in another great universe! Seddenly I becan to wonder. Could there he nothing more in gan to womer. Could there he nothing more in infinity than universe after universe, each a part of another greater one? So it would seem. Yet the such simplicity yet. I won't on on. And my sorth! It could not even be found, this subere that had itself seemed almost the universe. But my growth was terribly fast now. The other nabulae were moreing, it much seem at first, upon me. But my slow progress through space became faster as I grow larger, and even so they earns your the Blue fleton arrows you. I shot obese these Then

enotes that formed a nabula. It appleised the sons-

And there more now other scholes approaching

they, too, merged. The result was a vast makens A great light began to grow ell about me. Above shout their parent too swiftly to be followed with I suddenly observed, far away, a huge brightness that exempl to extend all over the universe. But it. began definitely. It was as though one were in a great hell, and the nebulse, a sunlike body now. were in the center. But as I hereme larger with every instant the reof-like thing diffused over an before things had converged, and formed into severate bodies. Nee stars. I pessed through them finally, and they came together again helded me as I

that away, another great body

A contridence suddenly struck me. Was not this gotters of a creat hall affect with a reschool within similar to what the stom was said to be? Could the nucleus and its great shell be opposite poles of electrical energy, then? In other words, was this an electron - a buon electron composed of universen? The idea was terrible in its magnitude, something too huge for comprehension And so I srow on. Many more of these electrons. if such they were, gathered together, but my luck held and I passed beyond this new hody thus formed -s mulecule? I wondered, Suddenly I tired of the endicas procession of stars coming together, forming ever into new stars that came together too. I

was getting homesick. I wanted to see human faces about me again, to he rid of this funtantie nightmare. It was pured. It was impossible. It must stop. A sudden immelie of fear took bold onen me. This should not go on forever. I had to see my earth souls. All at once, I reached down, and But just as a swiftly moving vehicle may not

step at once, so could not L. The terrific reconcutom of my growth earried me on, and the muchine moved still, though slower. The stars seemed shoeting upon me, closing about me. I could see no and of them before me. I must stop or they would be about me.

Closer in they came but smaller and arealter They became a thousand pippoints shooting about They marred into a thick tempora cloud about me, thicker and thicker. I was shooting up now. but my growth had stopped. The cloud became a cold, elemmy thing that yielded to the touch, and-

AMAZING STORIES and it was water! Yes, pure water! And I was tain that it was my own nebula I cutered, and I was

floating in it. . . . tack. Strength returned to me, and warmth, and

love of life. It was water, screething I knew, something familier, a friend. And so I swam, swam on and on, until my feet treched bottom, and I was leaping forth out of the water, on to the sand. . . .

66

There is no need to drag the tale cert. I awyler finally freen an exhausted sleep, and found myself in a world that was strange, yet familiar. It might have been a lonely part of the earth, except for an atmosphere of strangeness that told me subconaciously it was another world. There was a see but it was far distant, no larger than my meen. And yest clouds of steam hurs over the tunotes beyoud the aund, obscuring them in a chimmering fog, elecuring the sen so that it desced and etimmered harily through the curtain. And a perpetual

I tried to tall myself I was in some strange manner home. But I knew I was not. At last, breaking bepouth the weight of homestekness and recree I correctlered to a fit of warning that showed you membeed even as I went. Then a mood of terrible unreasoning anger against Fate enveloped me, and I stormed here and there about the beach,

twillight thus reigned.

And so, all through the night, I alternately wept and raged, and when the dawn come I sank again in peaceful alember. . . .

When I awake, I was calm. Obviously, in stop-pine I told myself I had been left in a cloud of stoms that proved to be part of another group of matter, another earth or atom, as you will. The nartirplay stores I was in were part of the ocean The only thing to do was to return. I was ashomturn. In the third button . . , the bottom botton, I saw no reason for delay. I splushed back into the water, and swam hastily out to the point where it second I had risen, I reshed the lowest button. Slowly I fall revuelf grow smaller and smaller the serve of sufficiation returned, only to pass away as the proposits shot about me again, but away this time. The whole nightmure was repeated now, reversed, for everything seemed to be opening up before me. I thrilled with joy as I thought of my return to my home, and the Professor again. All the world was friend to me now, in my thoughts, a

friend I could not hear to lose. And then all my hopes were dashed. How, I thought, could I strike my own earth again? For even if I bad come to the right and in the water to a certainty, how could I be sure I would pass between fast the right cloud of molecules? And what after the nucleus, why should I not enter the wrong reluin? And own if I should hit the right mobile how should I find my own star, my own earth? It was hopeless, impossible! . . And yet, so consti-tuted is human nature that I could hope neverthe-My God! Impossible as it is, I did it! I am ourin the center, where the sun should be. It sounds fantactic, it is fantactic. The luck of a lifetime an infinity, for me. Or so it should have been. But I looked where the sun curbt to be found, in the cena sinking beart. But the san-was some! I lay motionless in the depths of space and I watched felly the stars that roomed here and there. Black despair was in roy heart, but it was a decreie so terrible that I could not comprehend its awfulness. It was beyond human emotion. And I was

dazed, nechana eyen a little read. The stars were tiny pinpoints of light, and they shot back and forth and all around like purposeless nothings. And ever would they collide, and a greator pinpoint would be born, or a thousand views of fragments would result. Or the two might start off on new tracks, only to chilide again. Seconds it took them to cover what I know to be billions of trifficus of light-years. And gradually the truth dawned some me the

awful truth. These stars were sons, even as mine had been, and they grew and died and were return. it seemed now, in a second, all in a second. Yet fally races bloomed and died, and worlds lived and died races of intelligent beings strove, only to die. All in a second. But it was not a second to them. immune size was to blame on my part. For time is relative, and depends upon star. The

amailer a creature, the shorter its life. And yet, to itself, the fly that lives but a day has passed a lifetime of years. So it was here, Because I had grown large, conturies had become but recoverts to me And the faster, the larger I grow, the swifter the years, the millions of years had rolled away. I remembered bow I had seen the streeks that meant the planets going about the sun. So fast had they revolved that I could not see the circuit that meant but a second to me. And yet each incredibly swift. revolution had been a year! A year on earth, a second to me! And so, on an immensely greater scale, had it been as I grew. The few minutes that mount to me the war's movement through the either of what seemed a vard had been centuries to the earth. Refere I had burd fan mireten of my stronge existence, Professor Martyn had vainly bored away a lifetime, and died in bitter despair. Men had come and died, races had flourished and fallen. Perhaps all mankind had died away from a world stripned of sir and water. In ten minutes of my life. . . And so I sit here now, pining hopelessly for my Mother Earth. This strange planet of a strange

star is all beyond my ken. The men are strange and their customs, corious. Their language is beyond my every effort to comprehend, yet mine they know like a book. I find myself a savage, a creature to be treated with pity and contempt in a world too advanced even for his committeenion. Nothing here means anothing to me I live here on sufferance, as an ignorant African

might have lived in an incomprehensible, to him. London. A strange greature, to play with and to

be played with by children. A clown . . . a savage . . . 1 And years as I will for my earth, I know I rany never know it again, for it was gone, forgotten, non-existent a triffico centuries nec. . . .!

The THING from "OUTSIDE" By George callen England "



IEY ast about their comp-fire, that

the on-coming meases of the event cold. Sot there, stelld the awe of the North. der the uneasiness that the 's trek had hid upon their cols. The three men ameled. The two women buddled close to sech other. Fireglow picked alebt amone the dwarf fire planking marmar told of the Alluary River's heate to cornro

from the wilderness, and reach "I den't see what there was in a sare circular print on a rockindex to make our suides desert." said Prafessor Thurburn, Wie wire was as dry as his whole personality. "Most extraordi-

"They know what it was, all ight," snawered Jandron, goalist of the party, "So do I." He rubled his cropped mustache. His eyes glinted proving—to his own satisfaction—that nothing

little party of Americans retreating

This atory about to rend custs core-The these of Mr. England's anyoned and entrepredicary. If discerving public in order to study their It may be toben as a certolary that It was or norm as a cornel it, is not only of our earth. It is also not

may have the arthus only in a hade of firsh and bland.
There is no reason for disbelleship that a Super-Intelligence might not

grayly. I've seen prints like that before. That was printed bayond the scope of manifod's everythat on the Labrador. And Pus same things houses. Hife, But sobody care him much beed, And silene

ely happened to our guides, be-mile into the hush," put in the Professor's wife; while Vivian, her sister, paged into the fire that revealed as a beauty, not to be anoil even by a tem and a rough-knill sweater. "Men den't sheet wi ly, and scream like that, un-"They're all three dead new

anyhow," put in Jandron. "Be they're get of harm's way. While we-well, we're two hundred and fifty washed miles from the C "Forgot it, Jandy !" said Mars be fournalist, "We're that suffering from so attack of nerven that's all. Give me a fill

bacay. Thanks. We'll all be better in the morning, Ho-bum! New execution of speaks and He launched into an account of how he had once exposed a fraudulent spiritualist, thus

fall twos the little night-encomment in the wilder had overheard a little of what Jacobson had been saying. "Nonsensel" she tried to exclaim, but she was Pele cold stare watched down from rooms in-That night, after a long afternoon of poddling

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finitely for housed man's trivial would

Next day, stoucing for show on a lodge miles unstraure. Jandren discovered another of the prints. He cautiously summoned the other two men. They examined the print, while the women-folk were busy by the fire. A harmitus thing the marking seemed; only a ring shout four inches in dismeter, a kind of successarion with a raised center. A sort

a cilease that was orringer

of glazo coated it, as if the granite had been fused Jandron knalt a swill built flaure in height monking naw and eanyse leavings, and with a shaking finger explored the smeeth surve of the print in the rock.

"Wa'd better get along out of this as quick as we san" said he in an presstored wise. "You've got your wife to protect. Therburn, and L-well, I've est Vivian. And..." "You have?" nipped Marr. The light of on evil

jealously glearned to his heavy-lidded look. "What you revel to on alterist." "Really, Jandree," the Professor admenished "you mustn't let your imagination ron away with

wee. "I empose it's imagination that keeps this point cold?" the ovelocist retorted. His breath made faint amietter coils of vener shows it. "Nothing but a net-hole," indeed Thurburn, bend-

ing his spare, angular body to examine the print. The Professor's vitality all second centered in his his baleed shall that sheltered a marcellous thinkine machine. Now he not his less hand to the hase of his brain, rubbing the back of his head an if it asked. Then, under what seemed some power-

ful compulsion, he run his bony inper around the "By Jove, but it is cold?" he admitted. "And looks as if it had been stammed right out of the stone. Extraordinary!"

"Dissolved out, you mean," corrected the geologist, "By cold." The journalist laughed mockingly. "Walt till I write this up?" he speered, " 'Noted

Geelegist Declaren Frigid Chost Dissolves Gran-Jandron ignored him. He fetched a little water from the river and neured it into the print. "Ice!" ejeculated the Professor. "Bolid ice!"

"Frozen in a second," added Jondron, while Marr frankly stared, "And it'll never melt, either. I tell you. I've seen some of these rings before; and corry time, herefile things have hausened, Increditle things! Semething burned this ring out of the stone-burged it out with the cold interstellar

space. Screething that our import cold as a permaneed enality of matter. Semething that can kell matter, and totally remays it." "Of course that's all sheer nomycook," the four-

nellet tried to laugh, but his brain felt numb. "This something, this Thing," continued Jandron, "is a Thing that can't be killed by bullets. It's what saught our puides on the harrens, as they ran away-poor fools!" A shadow fell across the print in the rook, Mrs. Thorburn had come up, was standing there. She

and northering-laboring against inhibitions likethose is a nightmare—they correct so shelving rocks that slented to the river. "After all," said the Professor, when arrear was done, "we musta"t get into a panie. I know extraordinary thenes are reported from the wilderness. and more than one man has some out raving. But we, hy Joye ! with our superior brains-we aren't going to let Nature play us goy triaks!"

"And of course," added his wife, her arm shout Vivian. "everything in the universe is a natural There's really no super-natural, at all." force. "Admitted," Jardren rerlied, "But how shoot things sutpole the uneverse?" "And they sell yet a colerated?" eited Mares both

the Professor leaved forward, his brown knit, "Hm!" he evented. A little alleges fell. "You don't mean, really," saked Vivian, "You don't mean, really," asked Vivian, "ti James on looked at the gird. Her hearty, halced with ruddy gold from the firelight, was a pain to him as he answered: "Yes, I do, And dangerous life, too. I know what

I've seen, in the North Country. I know what I've Silence senin, save for the omnitotion of the flames, the fall of an amber, the recover of the servest. Distance necessard the wilderness to test that circle of flickering light ringed by the forest and the river broaded over by the pale stars. "Of course you can't expect a scientific man to take you seriously," commented the Professor.

"I know what Pon seen! I tell you there's Something entirely outside man's knowledge," "Four fellow!" snoffed the fournalist: but even as he spoke his hand pressed his forehead. "There are Things at week," Jandson affirmed. with degreed persistence. He lighted his nine with a blazing twig. Its fame revealed his face drawn, lined. "Things. Things that recken with us re-

more than we do with sats. Less, perhaps." The firms of the twig died. Night stood closer, watching. "Suppose there are?" the girl saked, "What's that got to do with these prints in the rock?" "They," namured Jandrey, "are warks left by one of these Things, Footgrints, maybe, That

Marr's laugh broke a long stiffness. "And you," he exclaimed, "with an A. M. and a B. S. to write after your name." "If you know more," retorted Jandron, "resi'd know a deviliab aught less. It's only impresses that's rack-ware."

Thing is near us, here and new!"

"But," degreetized the Professor, "no secentist of any standing has ever admitted any outside interference with this planet."

"No, and for thousands of years nobody ever admitted that the world was round, either. What I've

"Well, what have you seen?" soked Mrs. Thor-

bure, shivering, "You'll excuse me, please, for not going into that just cow."

"You mean," the Professor demanded, dryly, "if the-hm!-this suppositious Thing wants to-1" "It'll do any informal thong it takes a fancy to, ves! If it happens to want us-" "But what could Things like that went of us?

Why should They come here, at all?" "Oh, for various reasons. For inaximate objects. at times, and then again for living below. Ther've come here lots of times, I tell you," Jandron asserted with strange irritation, "and got what They wanted, and then gone away to-Somewhere. If one of Them harrows to want us, for any reason,

It will take us, that's all. If It doesn't went us. It will becore us, as we'd ismore sprilles in Africa if we were looking for cold. But if it was carillafor we wanted, that would be different for the goriflus, wouldn't it?"

"What in the world," neked Vivina, "could a-well a Thirty from Outside want of ne?" "What do men want, say, of guines-pige? Mor experiment with 'em, of course. Superior beings

use inferior, for their own ends. To assume that man is the surreme product of evolution is even self-conceit. Might not some superjor Thing want to experiment with burson beings?

"But bow!" demanded Marr. "The bumon brain is the most bighly-organized form of matter known to this planet. Surmose,

"Nonsessel" interrupted the Professor, "All hands to the sleeping-bage, and no more of this. I've got a wretched bendache. Let's anchor in Blan-

ket Bay !" He, and both the women, turned in. Jandron and Mary ant a while longer by the fire. They kept nkerty of wood niled on it, too, for an unnatural chill transfixed the night-air. The fire burned strangely blue, with grounish flicks of fiame.

At learth, after yest acarbities of disagreement. the geologist and the newspaperman sought their steeping-bass. The fire was a comfort. Not that a for could avail a row's weight appined a Thing from interstellar space, but subjectively it was a comfect. The instincts of a million years, centering around protection by fire, cannot be obliterated.

After a time-worn out by a day of nerve-strain and of hattling with swift currents, of flight from Something savisible, intengible—they all slept.

The depths of space, star-sprinkled, burg above them with restress immeasurable, cold beyond all understanding of the human mind Jandron woke first, in a red dawn

He blinked at the fee, as he resuled from his sleeping-box. The fire was dend; and yet it had not burned out. Much wood remained unconsumed,

charred over, as if some gigantic extinguisher had in the night been lowered over it. "Harrist" growled Jandron. He girneed about him, on the ledge. "Prints, too. I mucht have

He aroused Mary. Despite all the Souvalist's meeking hostility, Jandren felt more in common with this man of his own are than with the Pro-

fencer, who was close on sixty "Look here, now !" said he, "It has been all around here. See? It not out our fire-maybe the fire ancoved It, nome way-and It walked round us, everywhere," His gray even smouldered, "I guess, by gad, you've got to admit facts, now!"

"Domn the prints!" retorted Mary, and fell to syurchiter some unintelligible thing. He washed ansteadily, and remained crouching at the river's Jandren, despite a gnawing at the base of bis, brain, exrefully ensmixed the ledge. He found prints scattered everywhere, and some even on the river-bettom near the shore. Wherever mater had collected in the prints on the rock, it had fromen

The fournalist could only shiver and stare

fresh prints?"

lie, inert, numbed.

"Lord, what a head I've got on me, this morning?"

he chattered. He rubbed his forebend with a shak-

ing hand, and started for the river. Most of his

assurence had venished. He looked built done

"Well, what say !" decounded Jandron, "See these

hard. Each reset in the rivershed too was white with ice. Ice that the rushing current could not "Well, by gad?" he exclaimed. He lighted his pipe and tried to think. Horribly afraid-yes, he felt horribly afraid, but determined. Presently, as a little power of concentration came back, he noticed

that all the prints were in straight lines, each mark about two feet from the next. "It was observing us while we slept," said Jan-"What noncense are you tolking, sh?" demanded

Marr. His dark, heavy face sarred. "Fire, now, He got up and shuffled unsteadily away from the river. Then be stouped with a jark, staring, "Look! Look a' that sxe!" be gulped, pointing. Jandron picked up the axe, by the handle, taking

good care not to touch the steel. The blade was out part of the edge, one of the prints was stemped. "This metal," said be, "is clean cone. It's been "This metal," said be, "is essen gone. At a des-absorbed. The Thing doesn't recognize any difference is materials. Water and steel and rock are

"You're erary!" enarled the journalist, "Bow could a Thing travel on one leg, booming along, making marks like that?" It could roll, if it was disk-shaped. And-"

A say from the Professor turned there. Thurburn was stumbling toward them, hands out and tremulous. "My wife-1" he chaked

Vivian was kneeling heaids her sister, frightened, ared. "Something's happened!" stammered the Profes-

sor. "Here- come here- " Mrs. Therburn was beyond any power of theirs. to help. She was still breathing; but her respirations were stertorous, and a complete paralysis had

strucken her. Her even, half-onen and expressionless, showed pupils startlingly diluted. No resources of the party's drug-kit produced the slightest effect

The next helf-hour was a confused panic, brenking camp, petting Mrs. Therburg into a caron, and leaving that accursed place, with a forious energy of terror that could no longer reason. Up-stream, ever up against the swirl of the current the party fought, driven by horror. With no thought of food or drink, paying no heed to lendmarks, leabed forward only by the mud desire to be some the three

STORIE

mm and the girl flung every onne of their energy into the pasilies. Their panting breath mirginal with the exaud of swirling cibies. A most-blurred sun broaded over the northern wilds. Unfeeded, heats of black-dies using high-pitched keepings all should the furgivess. On either hard the forest walled, satched. Only after two hours of sweetling built had broaght

colour activation of second sections of the shadow of a cover schembten did they step, in the shadow of a cover where black waters straight, four-deptod. The they found the Professor's wife—size was dead. Nothing remained to do but havy her. At first Thorharm would not here of it. Like a nosineus he isolated that through all bounds be would global the hole out. But no—immosable. So, after a terthe hole out. But no—immosable. So, after a ter-

he issisted that through all bounds be would feels the ledy out. But no—impensible. So, after a terrible time, by yielded.
In spite of ber grief, Vivian was afmireble. She understood what must be done. It was her voice that still the proyen; her hand that—backing fowers—back the fir houghs on the cairs. The Pro-

feater was desed past doing anything, soying anything.
Toward mile-afternoon, the party busied again, many miles spriver. Necessity forced them to est. Fire would not burn. Every time they lighted it, it amouldered and west out with a heavy, greacy smale. The fugilities site cold food and drawle water, then showed off in two scenes said one water.

Sed.

In the third cease, hauled to the edge of the forest, key all the rick-operators, data and carries, scientific instruments. The party kept only Merris diars, a cerease, arounded forearm and medical re-

"We can find the things we've left-sometime," said Jandron, noting the place well. "Sometimeafter It has gone."
"And bring the hody out," added Thorkurn.

"And laring the holy out," added Thorturn. Fours, for the first time, wet his eyes. Vivian said mething. Marr tried to light his pipe. He seemed to forget that nothing, not even tobacco, would bern now. Vivian and Jandren conveiled one same. The

other carried the Professor and Marr. Thus the power of the two caroes was about the same. They kept well together, up-stream. The fugitive paddled and pertagod with a down, desperate energy. Toward evening they strack into what they believed to be the Manustasson. A mile up this, as the blarred sun field heycod a widderness of contous affects, they camped. Here they

made determined efforts to kinds fire. Not even sakehl from the farge-tiv wood start it. Cold, they marshed a little food; cold, they marshed a little food; cold, they marshed a little food; cold, they hoddled into their sleepan-bars, there to lie with declinear leaders on their foor. After a long time, up over a world wold of all second store the rever-time, yell an analon motor of all second store the rever-time, yell as made motor the well of a timber-world would have come as welcome pulse; that so would have to

Silence and night enfolded them. And everywhere they felt that it was watching. Foolishly enough, as man will do foolish things in a critit, Jandron hid his revolver outside his stopping-bug, in easy roach. His thought—hierard

slopping-bag, in easy reach. His thought—blurred by a strange, drawing bendeche—was: "If H touches Viving I'd shoot!" He realized the complete aboutdity of trying to shoot a visitant from interstities rease: from the hen bankl, santy, optimize, when nothing engel (colours of Mars, as concerned Writes, had troubled him. Dorr when the indice of the frying-son owe when the wind and the northern step, the white of the real, the whingering vertex of the posible to core water had in lose things of joy. Yos, and other water had in lose things of joy. Yos, and word or look of the jird, beened to generale the beauty of the property of the posible to "Deem to, I'll save key, any joy the wine this who was to key would be small girls. We wise with

Fourth Dimension, maybe. But Jandron's ideas seemed tangled. Nothing would come right. He

lay there, shoothed in a kind of waking night-

mare. Now and then, rising on an elbow, he bearkened; all in waln. Nothing so much as stirred.

His thought drifted to better days, when all had

waving of inferior, the down-crushing foot of max?

Next meeting, and the next, no sign of the Wing apparent. Hope proving that possibly it might have apparent. Hope proving that possibly it might have given. Many were the miles the unrun public that a work more would be the two modelated that a work more would belief the lower modelated that a work more would belief the lower modelated that a work more would belief the lower modelated for the lower work more would be for the lower work that the lower would be failty. But where were the fish!

"Most extraordinary," all at enon goal the Pyre "Most extraordinary," all at enon goal the Pyre.

feeer, at nonsky earp. He had become quite enticats again. "Do you cealing, Leadron, we've som no traces of life in some time?" The geologist modele. Only too clearly he had noted just that, but he had been keeping etil about it. "The's so, too!" chiracel in Marv, enjoying the smoke that some incomprehensible turn of even

was letting him have. "Not a maximal or bassue."
Not even a squirred or bird."
"Not so much as a gast or black-dig!" the Prefessor added. Jendren suddenly redited that he would have redocated even those.
That afterpoor, Marr fell into a suddenly vibe

That afternoon, Marr fell into a suddenly ville temper. He membled curron against the geides, the currons, the portages, everything. The Prefessor second more cheerful. Vivina complained of an oppressive headsheb. Jandron preve her the last of the aspirin tablets; and as he gave them,

isst of the aspirin tablets; and as he gave them, took how haved in his.

"I'll see yest through, anyhow," said he, "I don't counts now. Nobody counts, only you!"

She gave him a long, silent look. He saw the sudden glind of tears in her eyes; for the pressure of her hand, and knew they two had never been near each other as in that memori under the

shadow of the Unknown.

Next day—or it may have been two days later, for none of them could be quite sure closer the passage of time—they came to a describ lamber—anny. Even more than two days might have passed; because new their hazer was all gone, and only coffee, belocch, heré-cabes and pilot-bread rematted. The late of fails and gause had out alternatived. The late of fails and gause had not alternated.

ingly into the dulle-lag. That day—whatever day it may have been—ell four of them suffered territily from headache of an odd, ring-shaped kind, as if something circular were being present down about their heads. The Professor said it was the san that

made his head ache. Vivian hid it to the wind and the plane of the swift water, wiele Marr claimed it was the best. Jandron wondered at all this inacreash as he nightly saw that the river had almost storped flowing, and the day had become still

THE THING FROM ... "OUTSIDE"

They dragged their esmoes upon a rotting stage of fir-poles and explored the lumber-camp; a mouraful place set back in an old "slash," now partly overgrown with scrub poplar, maple and birch. The for buildings, covered with tar-paper portly tors from the pole roofs, were of the arusi North Coun-

try type. Obviously the place had not been used for years. Even the landing-stare where once lone had been relied into the stream had sugged to decay. "I don't quite get the ides of this, oldined. "Where did the logs up to? Downstream. of course. But that would take 'am to Hudson Bay, and there's no merket for suruce timber or pulp-

wood at Hudson Ray." He pointed down the currest "You're entirely mistaker," put in the Professor, "Arm fool could see this river runs the other way.

A log thrown in here would go down toward the St. "But then," asked the girl, "why can't we drift back to civilization?" The Professor retorted:

"Just what we have been doing all along! Extreordinary, that I have to explain the obvious!" He walked away in a huff. "I door't know but he's right, at that," half admitted the fournalist. "Two been thinking almost

the same thing, myself, the past day or two-that is, ever since the sun shifted." "What do you mean, shifted?" from Jandron, "You haven't noticed it?" "But there's been no sun at all, for at least two

durs' "Hanged if I'll waste time arguing with a lunatie!" Marr growled. He wouthsafed no explanation of what he meant by the sun's having "phifted but sandered off, grurobling

"What are we going to do?" the girl appealed to Jandron. The sight of her selects, frightened even of her palm-outward hands and (at last) her very feminine fear, constricted Jandron's heart "We're going through, you and I," he arreared simply. "We've got to save them from themselves,

you and I have." Their hands met again, and for a moment held. Despite the dead calm, a fir-tip at the edge of the clearing suddenly flicked saids, shrivelled as if fmare. But neither of them saw it

The fugitives, hadly spent, established themselves in the "bor-room" or sleeping-shack of the carroa broken one. The traces of men comforted them: a couple of broken passies, a pair of anowehees with the thouga all grawed off, a cracked hit of mirror,

a vellowed almanes dated 1899. Jandron called the Professor's attention to this almance, but the Professor thrust it aside "What do I want of a Canadian ornsus-report?" he demunded, and fell to counting the bunks, over and over again. His big bulge of his forebead, that boused the massive brain of him, was ocalne sweat. Marr cursed what he claimed was surabine through the boles in the roof, though Jandron could see none; elaimed the symphine reads his boad nobe.

"But it's not a had place," he added , "We can make a blaze in that fireplace and be comfy. I don't "What window?" asked Jandron, "Where?" Mary language and ignored him Jandren turned to Vivian, who had sunk down on the "descon-pect" and was staring at the stays. "Is there a window here?" he demanded. "Don't ask me," she whispered, "I-I don't With a very thriving fear in his heart, Jandron

like that window, though."

nesred at her a moment. He fell to muttering: "I'm Walker Jandron Wallace Jandron 27 Ware Street, Cambridge, Massackusetts. I'm quite sare. And I'm coing to stay so. I'm going to save her! I know perfectly well what I'm doing to and I'm sage. Quite, quite sage!" After a time of confused and purposeless wrangling, they got a fire going and made coffee. This, and cabe brailled with hardtook, helped consider-

ably. The earny helped, too. A house, even a recor and broken one, is a wonderful barrier against a Thing from-Outside. Presently darkness folded down. The men amaked thankful that tobacco still held out. Vivian lay in a bunk that Jandron had niled with anrace bought for her and seemed to sleen. The Professor fretted like a child, over the blisters his paddle had made upon his hands. Mary laughed, now and then; though what he might be laughing at was not ap-

parent. Suddenly he broke out: "After all, what should it want of us?" "Our brains, of course," the Professor auswered, "That lets Jandron out," the journalist mocked.

"But," added the Professor, "I can't imagine a Thing collously destroying human beings. And Ye4-He stopped short, with surging memories of his dead wife. "What was it," Jandron asked, "that destroyed all those membe in Valladelid. Seale, that time so many of 'em died in a few minutes after having

been touched by an invisible Something that left a slight red mark on each? The newspapers were "Piffe!" yawned Merr. "I tell you," insisted Jandroz, "there are forms of life as superior to us so we see to anta. We can't see 'em. No ant ever saw a man. And did any ant ever form the least conception of a man? These

Things have left thousands of traces, all over the world. If I had my reference-books-" "Tell that to the marines!" "Charles Fort, the createst authority in the world on unexplained phenomens," persisted Jandron, san't emisin, in his 'Book of the Danned.' He claims this earth was once a No-Man's land where

all kinds of Things explored and colonized and body's warned off, except the Owners. I happen to remember a few sentences of his: 'In the past, inhabitants of a bost of worlds have dropped here, hopped here, wafted here, sailed, flown, motored,

walked here; have come singly, have come in excemous numbers; have visited for bunting, trading, mining. They have been upable to stay here, have made colonies here, have been lost here."

AMAZING STORIES Birches, poplare, rock-manies all stood waked. Only

"Poor fish, to believe that!" mocked the journalist while the Professor blinked and rebbed his bulging forebead "I do believe it?" trainted Jandron. "The world

ta conveyed with relice of dead givillizations, that have mysteriously vanished, leaving nothing but their temples and menuments." "Robbish!"

"How about Easter Island? How about all the gigartic works there and in a thousand other places -Peru. Tuesten and so on-which certainly no

princition range sport built to "That's thousands of years ago," said Marr, "and Pm slerger. For heaven's sake can it!

"Oh, all right. But Aoss explain things, than!" "What the devil could one of those Thiors want of our brains?" unddenly not in the Professor.

"After all, what?" "Well, what do we want of lower forms of life? Sometimes food. Again, some product or other. Or just exferention. Maybe It is just experiment-Ing with up the way we roke an antibill. There's always this to remember, that the human brain-

tiange is the most highly-propoles form of rector in this world." "Yes," scircitted the Professor, "but what--!" "It wight want brain-tiams for fred for every mental persones, for lubricant—how do I busw?" Jardeen fancied be was still evolcising things. but all at once he found himself waking up in one

of the lunks. He felt terribly cold, stiff, sors, A sift of spars less here and there on the caren from where it had fallen through bales in the roof, "Vivien!" he crooked bearesty. "Thortern! Marry Nobedy answered. There was polody to answer. Jandron crawled with immerse pain out of his hunk,

and blinked round with bleary eyes. All of a sudden he saw the Professor, and guined. The Professor was lying stiff and straight in profiler brink, on his back. His waxen face made

a mask of horror. The open, staring eyes, with norths importagely dilated, sent Jandran shuddering back. A livid ring marked the forehead, that now nagged (award as if empty. "Victim?" groaked Jandron, staggering away from the body. He fumbled to the hunk where the wirl had lain. The hunk was quite deserted.

On the stove, in which lay half-charred woodword amothered out as if by some noxious gasstill stood the coffee-not. The liquid in it was frozen solid. Of Viviso and the journalist, so truce re-

Along one of the sagging beams that supported the roof, Jandron's horror-bisated gaze perceived s straight line of frosted prints, ring-shaped, bitten

"Viviant Viviant"

Shaking, sick, gray, half-blind with a horror not of this world. Janfron poered slewly around. The diffe-bag and surplies were gone. Nothing was left hat that coffee out and the revolver at Jandree's

Jandron turned, then, A-stere, his skull feeling errorly so a horsel drum, he error largely to the door and out-out into the snow. Seew. It came slanting down. From a gray sky it steadily filtered. The trees showed no leaf.

His body was leaden. He whosped, as he reached the rowr. The light, dim as it was burt his even He blicked in a confusion that could just perceive one caree was gone. He arrested a hand to his head. where on iron hand asseted arranged on tight tickter. "Viviant Marr! Hallscoo?" Not even an echo. Bilicore clamped the world alleger, and a cold that gnawed. Everything had

the confers droomed sickly-green. In a little shall

Ire? Scow? Reed with terror Jandron stared.

Souldenly, all along the upper branches of trace

that edged the clearing, reeffs of arow ficked down.

of footprints that wavered toward the landing.

low server the obuse snow law white on this ice.

four weeks? But how __ ?

cane a sinister ever. After a certain time-though time new possessed mither reality nor duration-Jandron dragged himsalf back to the came and stumbled in. Reedless of the staring corpus he crumpled down by the store and tried to think, but his brain had been emptied of nower. Everything bleet to a gray blur. Snow

best slithering in through the root "Well, why don't you come and get me. Thing?" suddenly started Jandron. "Here I am. Dama yers, come and get me!" Voices Suddenly he heard voices. Yes some-

body was outside, there. Singularly argricued, he get up and limesed to the days. He someted out into the grav; saw two figures down by the landing. With numb indifference be recognized the girl and

"Why should they bother me arsin?" he rebuloudy modered. Can't they m away and leave Then, a moditum of reason returning, he sensed

that they were arguing. Vivian, beside a caros freshly dragged from thin ice, was pointing; Marr was gesticulating. All at once Mary sparled, turned from her, plodded with hent back toward the come, "But listen!" she called, her rough-keit awaster all powdered with show. "That's the way!" She

"Tm not goong either way !" Mary retorted. "I going to stay right here?" He came on, harsteaded, Snow graved his stubble of beard; but on his head it melted as it fell, as if some faver there had raised the lease-stuff to improbable temperatures. going to stay right here, all summer." His beavy lids argred. Poffy and evil, his lips showed a glist of teath "Let me alors!"

restured downstream

Vivian lagged after him, kicking up the sab-like sasw. With sudifference, Jandran watched there, Trivial human creatures!

Suddenly Marr saw him in the doorsey and

steemed short. He drew his runt he sired at Jandron. "You get out!" he mouthed. "Why in --- ear't you stay dead?" "Put that gen down, you idiot!" Janigus managed.

to retort. The girl stepped and seemed trying to understand, "We can get away yet, if we all stick

"Are you going to get out and leave me abme?"

Mary verled telemen Sman! The certaides missed fine. Not soon needer would

burn. Mary laughed, harribly, and abumbled forward. "Herves him right!" he mouthed. "He'd better not come back again?"

Jordon varioustood that Mare had seen him fall But still be felt bimself standing there, alive. He shuffled away from the door. No matter whether

he was alive or dead, there was always Vivian to be savel. The fournalist came to the door, passed, looked down, grunted and ressed into the comp. He shut

the door. Jandron heard the rotten marden her of the letch drop. From within echoed a langh, monetrous in its brutality. Then entwering the productst felt a touch on his

"Why did you desert us like that?" he heard Vivian's reproach. "Why?" He turned, hendly shie to see her at all.

"Listen," he said, thickly. "I'll admit envilving. It's all right. But just forget it, for now. We've get to get out o' here. The Professor is dead in there, and Marr's gone mad and hervicaded himself

in there. So there's no use stevine. There's a chance for an out. Come about?" He took her by the arm and tried to draw her toward the river, but she held back. The bate in

her face rickened him. He shook in the grip of a "Go, with way?" she demonded

"Yes, by God?" he retorted, in a swift blone of anger, "or I'll kill you where you stand. It shan't get you, anyhow!"

Swiftly picroine, a greater cold smote to his inner marrows. A long row of the remahaned redata had just appeared in the snow heside the eamp. And from those marks wafted a faint, blaish vapor of

unthinkable cold. "What are you staring at?" the girl demanded. "Those prints! In the enow, there-see?" He pointed a shaking finger,

"How can there he spow at this sesson?" He could have went for the vity of her, the loss of her. On her red tarn, her tangle of robel hair, her sweater, the spow came atmosfer drifting; yet there she stood before him and prated of nummer.

Jandren heaved binself out of a very already of down-dragging lessitudes. He whipped himself into aution. "Burnmer, winter-no matter!" he fluor at her. "You're coming along with me!" He orized her arm with the brutality of desperation that must hard.

that he would strangle her with his noked hands, if need were, before he would ever leave her there. for It to work Its herrible will upon.

"You come with me," he mouthed, "or by the Abrighty....!" Marr's scream in the earny, whirled him toward the door. That scream rose higher, higher even more and more piercing, just like the acresme of always it rose, rose, as if being wrung out of a human body by some kind of agony not conceivable Jandren harted himself against the plank door. With a cry. Jandren receited. He covered his aven with a hand that quivered, claw-like. "Go away, Vivian! Don't come here-don't

the reneway Indian guides in what now armeared

the infinitely long ago. It seemed to last hours; and

in this world. Higher, higher-

Then it storned.

Inch-" He stumbled away, bubbling, Out of the door erent something like a mon-A onese, broken, best over thing; a thing erippied,

alcurace and fisher, that whined, This thing-yes, it was still Mare-consided from at one safe, quivering, whimpering. It moved its hards as a grashed and moves its autonom, serkily.

All at once Jandron to lunger felt afraid. He walked quite steadily to Marr, who was breathing in little grams. From the camp issued an oder uslike anything terrestriel. A thin, gravish grease

Jandron caught hold of the crumpling formalist's arm. Marr's area larged filmed unsering. He mays

the impression of a greature whose keck has been broken, whose whole essence and energy have been reluitant. A creature vivisected

Away through the grow Jardenn dragged him. Marr made no resistance; just let himself be led. whining a little palaied, rickety, shattered. The girl, her face whitely cold as the snow that fell on it, came after.

Thus they reached the landing at the river "Come, now, let's get away !" Jandron made shift to articulate. Mary said nothing. But when Janthe fournalist revived with swift, mad hatefulness. That comething lashed him into a speam of wiry.

incredibly venomous resistance. Sixvers of blood and foam streaked Marr's line. He made heavid roles, like an animal. He hauted dismally, and bit, classed, writhed and grovelled! he tried to sink his teeth into Jandroe's less. He fought avenilizate.

as men must have fought in the inconceivably remote days even before the Stone Age. And Vivian Between the pair of them, they almost did him in. They almost drawered Jandress down-and themselves, too-into the black river that ran swiftly sucking under the ice. Not till Jendron had culte

lantey; not until he struck from the shoulder-tokill, if need were-did he best them. He heat the pair of them unconscious, trussed them hand and foot with the neinters of the reases.

rolled them into the larger cance, and shoved off. After that, the blankness of a measureless ob-Only from what he was told, weeks after, in the Royal Victoria Hospital at Mentreal, did Jaroleon

ever learn how and when a field-equal of Dominion Foresters had found them drifting in Lake Moorewarrkeng. And that knowledge filtered slowly into his bonin during a period inchaste as Irriand form, (Continued on page 91)

The MAN WHO SAVED the EARTH



Not a sample the whole weeks a complicated mass severing a bandwid cores, driving with a effecte that was made. Not what we have the sample of the sample of

THE MAN WHO SAVED THE EARTH 75 CHAPTER I. over his aboulder. It was in the way of calculation. In the heavily of childhood he was not dragged down by the heat and warsher; he had the enthuliation.

with the deptining. From the start its whole thing has the procession of machine work. Fate and its working—and the wonderful Providence which work the work the calint'by, and the marriyr. In the retrospect of discountry, and the marryr. In the retrospect of dis-

WEVEN the beginning. From the start the

aster we may all of us grow strong in wisdom. Let us go into history. A hot July day. A sun of scant pity, and a staggering street; positing thousands drapping

staggaring atreet; ponting thousands dragging along, balless; fans and parasols; the sultry wegenoce of a real day of numeer. A day of learning tires; bot pavements, and wrenked endeaver, heartsoles for the seashers, for leafy howers inside rio-

pling water, a day of broken buyes and livilies ambition.

Ferbags Fate chose the day because of its best and because of its natural benefit on fecundity. We have no way of knowing. But we do know this: the date, the time, the meeting; the boy with the lumning.

data, the time, the meeting; the bey with the burning glass and the old doctor. So commengines, so trivial and hilden in checurity! Who would have guessed it? Yet it is—after the creation—one of the most imperiant dates in the world's higtory.

This is saying a whole lot. Let us go thee it and see what it amounts to. Let us trace the thing out in history, weight it up and haluces it with sequence. Of Charley Huyck we know nothing up to this day. It is a thing which, for some reason, he has strays kept histors. Recent investigation as to his

strengs kept hidden. Recent investigation as to his previous life and antecedents have availed as tothing. Perhaps to could have told us; but on be has gone down as the world's great martyr, there is no here of printing from his lifes what we would so

like to know.

After all, it does not matter. We have the day — the twoldent, and its purport, and its eliman of sequence to the day of the great diseaser. Also we have the blasted mountains and the labe of the

sequence to the day of the great diseaster. Also we have the blasted mountains and the lake of his water which will ever live with his memory. His greatness is not of warfare, nor prevenal ambition; but of all markind. The weaths that we he

stow upon him have no doubtful celor. The man who saved the carth!

From such a beginning.
Checkey Huyck, han and frail of hody, with, even then the wintfulness of the idealist, and the eyes

of a poet. Charley Huyck, the boy, creating the het percented with his pock of papers; the much treasured piece of glass in his pecket, and the sam which only he should master beruing down agon him. A moment out of the ages; the turning of a strew deslined to our-builance all the previous

of a strew destined to our-balance all the previous accumulation of man's history.

The sam was hot and burning, and the child—he could not have been more than ten—can a girnor som of his half-score of years and the joy of the plaything. We will not pressure to call it the spirit of the electricit, though it was, perhaps, the spark of hand investigation that was dealized to bead so far.

A moment picked out of deating! A buy and a plaything. Uncounted millions of beys have played with glass and the sun rays. Who earnot remember the little, rearch-burning det in the pain of the hand and the nathequart examination? Charley

Huyck had found a new toy, it was a simple thing and as old as glass. Fate will ever be so in her working.

And the doctor? Why should he have been uniting? If it was not destuy, it was at least an accumulation of momenf, in the heavy creglisses.

the square, else-yent beard; and his uncompromising finit-secking expression. These who knew Dr. Robeld are strong in the affirmation that he was the antithesis of all smotion. He was the stressed product of solences unbending, hardened by superiment, and caustio in his condemnation of the frailment of human nature.

It had been his one function to torque over the

coults of the feelish; with his hard-occling wisdom had spotted suphistry where we thought it not. I have for the coult of colors had gone like a juggerant. It is hard to have one's theories derived—e. were for a conceptation of to be called a fool! Dr. Robeld knew no middle language; he was not reliefs thy recipion.

in not relished by seismes.

If a memory, as we have it, in that of an economic trie. A man of slight compassion, abrupt of manar and with no tast in apashing. Genius is often see in it is a strange fact that many of the greatest of man have been demand by their fallows. A reset

min and laughter. W E read of the days when the powers of radius was not accented. None of us know today what it cost Dr. Robold. produced by incentionals corrains a tabe of redism salts in the pechat. And here in this story no He was not the man to tell us. Perhaps Charles Havok might: but his line the of investmentale depths and full instant beings and animals in multifule. The story opens with a paor flate loy experimenting with a borning plaze. Then he beare scaled forever. We only know that he retired course the here of the store—As studies and scentocile to the mountain, and od the subsequent flood of Archimotes in his power. And he subdenly finds that herefits that rained upon

server the district of the server the server of the server

Of the secrets of the place we know little. He was the man to account the large we know little. He was the man to account the large was the man to account the large was the man to account the large was the curious. He had been largest moment of the forters. In the large of the forters. In the large of the forters.

to the doctor and his protégé. Charley Huyck. Two
mon and destiny! What would we be without them?
One shadders to think.
A little thing, and yet one of the greatest moments in the world's history. It must have here

ments in the world's history. It must have been be Fate. Why was it that this stern man, who hated se all emotion, should so have unbended at this moment? That we cannot ensure. But we can confecturn Markey it is this: We were all wrongs we accepted the man's exterior and profession as the No man can loss all emotion. The dector, was,

AMAZING STORIES

Huyek."

thought you were Asad."

Amin the old man laughed.

after all, even as ourselves—he was human. Whatever may be said we know the certainty of that wement-and of Charley Huyck

The such rare were hot: they were hereion: the payements were intolerable; the baked air in the expressed street was densing like that of an oven; a

day of dog-days. The boy gressing the street; his arms full of papers, and the glass bulging in his little hip-pocket. At the curb be storned. With such a sun it was impossible to long forget his plaything. He drew

it corefully out of his pocket, lay down a paper and began distancing his plans for the focus. He did not rotice the man healds him. Why should he? The round dot, the brownish smoke, the red south and the fish of fame! He stamped upon it. A moment out of boyhood; an experimental mirech

an old as the age of gloss, and fast as delightful The key bad spelled the name of a great Covernor of a great State; but the paper was still saleble He had had his moment. Mark that moment. A hard touched his shorider. The led leaned on

"Yeasir Star or Bulletin?" "I'd take one of each," said the man, "There now. I was just watching you. Do you know what

you were doing!" "Yessir, Burning paper, Startin fire, That's the way the Indiana did it."

The man amiled at the perservion of fact. There is not such a distance between attacks and class in the say of childhood. "I know" he said..."The Indiana. But do you

know how it was done; the why-why the paper bugun to blaze?"

"All right, explain," The boy looked up at him. He was a city how and used to the streets. Here was some old high brow challenging his wisdom. Of ocurse be knew,

"It's the sun." "There," loughed the mea, "Of source. You seld you knew, but you don't. Why doesn't the sun. without the glass, hurs the paper? Tell me that The how was still looking up at him; he saw that the man was not like the others on the street. It

may be that the strange intimacy kindled into being at that moment. Certainly it was a strange unbanding for the dector.

"It would if it was not enough or you could get snough of it together." "Ah! Then that is what the gines is for, is it?"

"Yeasir." "Concentration?" "Con- I don't know, sir. But it's the sun. She's

aure some bot. I know a lot about the sun, sir. Per studied it with the gines. The gines picks up all the rave and note them in one hole and that's what burns the paper. "It's lots of fun. I'd like to have a higger one; but it's all I've got. Why, do you know, if I had a eless bly enough and a place to stand. Pd horn an

the curthir

The old man bushed. "Why. Ambimides! I "My name sin't Archimedes. It's Charles "Oh, is it? Well, that's a good name, too. And if you keep on you'll make it famous as the name of the other." Wherein he was forstelling history "Where do you live?" The box was still looking. Ordinarily be would

not have told, but he motioned back with his thumb. "I den't live: I room over on Bryonau Street." "Oh I see. You room, Where's your mother?" "Rearch ma: I never any her." "I am; and your father!"

"How do I know. He went fleating when I was teer years old." "Floating?"

"Yearly who sen." "So your mother's pone and your father's fonting. Archimedes is adrift. You so to asked?"

Yeasir." "What yeader?"

"No reader, Sixth grade, "I see. What sobool?" "School Twenty-eix. Say, it's bot. I can't stead

here all day. The got to sell my papers." The man miled cut a more "I'd take the let." he said. Then kindly: "My how. I would like to have you go with me."

It was a strange moment. A little thing with the fates looking on. When destiny plays size picks strange moments. This was one. Charley Hurch went with Dr. Robeld.

CHAPTER II THE POISON PALL

We all of na remember that fatel day when the news startled all of Oakland. No one can forget it. At first it read like a reweather hear. In spite of the oft-produitted verselly of the press, and we were inclined to laughter. Twist wonder at the story and its immessibilities we were not a little enthosed at the nerve of the man who put it over. It was in the days of dry reading. The world had grown popolous and of well-fed contest. Our soon-hox artists had come to the point at last where they preashed, not disnater, but a full-beilled theries for the millernium that was here. A veriod of Utenian culatrons no villely around the corner:

no man to covet the ox of his neighbor Onfat reading, would admir. Those serve the days of the milleanium. Nothing ever housened. Here's beging they never come again. And then: Rosestly, we were not to blame for bestowing

blessleg out of our hearts upon that newspaperman, Even if it were a boox, it was at least something, At high roon. The clock in the sity ball but test struck the hour that held the post 'twist s.m. and p.m., a bot day with a sky that was clear and esure: a quiet day of secrete peace and contentment. A strange and a portant moment. Looking teck and

over the relevale we may conjucture that it was the citerriess of the atmosphere and the brightness of Knowing what we know now we can appreciate the impulse of natural phenomena. It was not a mir-

the brink for even a minute.

The spot: Fourteenth and Broadway, Oakbeed, Callfornia.

Fertunitely the theorement of employees in the obsers shout had not yet score out for their hundsters, The lapse that it takes to put a hat on, or to put a traiton, sever a thousand lives. One shadows to thisk of "what would have hargered had the spot

too levrible to be true. Such things could not hapgood.

At high moon Two street-cars crossing Fourteenth on Readouy—Two cars with the same part and bump and the same aspect of any of a burner, thousand at a traffic corner. The worder is—three work to few people. A Valegraph are outgoing, and a Broothesy are ember in. The traffic volter.

were so few people. A Takayush car outgoing, and a Broodway car coming in. The traffic policemen at Ms peet had just given his signal. Two subcrabilities were passing and a single pedestria, so it is said, was working his way diagonally across the course. Of this we are not certain. It was a moment that impringed on subrook. Even

as we recount it, knowing, as we de, the explantion, we sense the impassibility of the west. A pharonescon that belds out and, in spite of our findings, lingue; into the mirracelous. To be and not to be. One second life and action, an ordinary secon of existent sunotony; and the next moment mechling. The pps, the lineasection of the street, the properties of the properties of the street, the properties of the properties of the properties.

non-pointenan—non-existent: When events are instantaneous reports are apt to be mislanding. This is what we find.

Some of those who behelf it, report a flash of bluish white light; others that it was of a greenish or even a wickt buc; and others, no doubt of stronger vision, that it was not only of a predominant

color but that it was that and spouled with a myrrial speak of flams and hirshly not on sound; not some a wire. Like a she treat not or the way. He give no warning and it made no sound; not some a wire. Like a she treats not or the way. Whatever the forces that had focused, they were destruction. There was no Fouriestenth and Breadway. The two notements, the two tireot-care, the production, the peliconous had here withful away as if they had over existed. In piace of the intersection of the theoreuthere was a wewning call.

hat looked fown into the center of the earth to a depth of season.

It was instantaneous; it was without search; avaring, A termendous force of unlimited section; the subformers and the silenes. It was the subformers and the silenes that belief eredore, We were accurated to associate all disaster with sums. all thins of terror efficient sites sound. In

A hele or been forty set in diameter. Without a particle of warning and without a bit of confidence of the confidence of

faces. Then the crowd rushed up and with are and now awakened terror gased down into that torrible pit.

We say "terrible" because in this case it is an

It was straight and precipitous; a perfect circle in shape; with sides as smooth as the affect of machine work, the prevented and stone curb had been cut as if by a reaso. Of the two street cars, two actionables and their occupants there was nothings. The whole things as itlest and compilets. Not experiment the way of the second of the complete of

themselves, when the new came themselves, when the new to much like a hour.
Not until the ment tracted reporters had gone and had wired in their reports would they even consider it. Then the whole world set up not took

nation.

A miraciel Like Onkland's Press we all of us doubted that hole. We had attained simute sweet thing that was worth the Knowleng we were the masters of the aarth and its secrets and we were proof of our wisdom; andurally we refused such reports all out of reason. It must be a been. But the wires were persistent. Came correborated the secret was the secret with the secret was the secret with the secret was the secret with the secret was the secre

tion. A reliable news-pathering organization soon was coming through with disherate and detailed accounts of just what was happening. We had the news from the highest and most reputable authority.

And still we doubted. It was the story itself that brought the doubting; its touch on mirable

It was too easy to pick on the reporter. There might be a hale, and all that; but this thing of no explanation! A bond parkaps? No noise? Some new explosive? No such thing? Well, bow did we know? It was better than a miracle. Then came the scientists. As roon as could be must offer the country of the seem.

men of greet minds had been hustled to the scene. The word had long bees accustomed to accept without quitble the distum of these great specialists of fact. With their train of accomplishments hahind them we would harsily be consistent were we to doubt them.

to doubt them.
We know the scientist and his habits. He is the
one man who will believe nuthing with it is proved.
It is his prefeation, and for the we pay him. He
can eatic the manifest hap that ever crawled out
of an atom and give it a name on sing that a Politic
weetsley, if he had to hear it, would break under the
breaks. It is his very knote by pitting is noted
had been atom as or well-installed. You don't held
had been atom as or well-installed. You don't held
had been atom as or well-installed. You don't held
had been the many the pitting is noted
had been the pitting in note the pitting in noted
had been the pitting the pitting in the pitting in note
had been the pitting in the p

to the street.

It is not settled.

It is few mortants a rowed of many thousands had been allowed about the apol ; the throng prove so dees that there was pred of states of them being convoided to the control of the

We say "terrible" because in this case it is an arteries open to the suburbs.

78 AMAZING STORIES how means personagers had been upon the street care. our securiors must have fall when they were

The officials of the company, from the schedule, could park the numbers of the ears and their crews; but who could tell of the congresse?

Telephones rang with tearful pleadings. When the first removes of the herror banked out every write and wother full the clutch of sanis at her hower.

and mother felt the clotch of passic at her heavestrings. If was a moment of historical psychology. Out of our books we had read of this strange phase of human nature that was went to rise like a mad acreeching thing out of disnater. We had never had it in Utepia.

It was rambling at first and out of exagerestion; as the take passed farther back to the waiting thousands it gained with the reportition. Grim and terrible concept in fant, it ratiosed up with reletration. Perhaps after all it was not purphology. We exercage impains of the human rand does not even up so exactly. In the light of what we now know in many because the post the releted to the result of the passed on the second terrible the releted to the passed on the passed to the passed of the releted to the passed on the passed of the passed on the passed o

the air; the new element that was permenting the atmosphere of the city. At first it was spacehold. The neurost witnesses of the dinaster were the first victims. A strange matchy tegran to spot out among those of the crowd who had been at the spot of consists. This is to be notized. A strange affliction which from the virulence and spaiding of evidence was quite paralling to

the doctors.

Those among the physicians who would consent to statement gave it out that it was breaking down of tissue. Which of course it was; the new element that was radiating through the atmosphere of the city. They did not how it then.

The pitty of R! The within, oduries pell was signify shrouding out over the city. In a short time the heapitals were full and it was necessary to call in medical sid from San Francisco. They had not even thus for diagnosis. The new playee was fairal spream as exercision. Heaping the notice.

It was the pall. At the end of three borns it was knyare that the death host was appending out once Oskiand. We may thank our stars that it was barned so early. Had the real surrilage one a few hours later the death list would have been appelling. A new element had here discovered; or if not a new electron, at least semething which was tippine over all the less of the atmospheric newboys. A

tists made the discovery.

and the warning went out, pusic fell upon the bay shere.

But seen men stuck. In the face of such terrethere were those who stayed and with grimman and sourifies hung to their poets for munkind. There are some who had said that the stuff of

and exertifies hang to their poots for meating. There are some who had said that the stuff of heroes had passed away. Let them then consider the case of John Robinson. Robinson was a telegraph operator. Until that day be was a poor unknown; not a whit better than his fellows. New he has a name that will run

under the hindert. The last words out of Oakland
—his last measure:
"Whele ofty of Oakland in grip of strange mudness. Keep out of Oakland,"—following which
came a huphaserd personal commentary:
"I cam feel it coming on model, It is like what

with a spaceoids twistelling ever the feeched. Terribly thirty, Will stick it out if I can set caught water. Never no dry in my life."
Followed is lapse of allower. When he last words:
I guess we're done fee. There is some poiseen as the atmosphere-something. It has leaked, of course, out of this thing at Fourteenth and Breadway. Dr. Minsus of the American Incitine seen; it is seemithing new that is foreign a final combination of the charged and every direct contributions of the American as over directly think the property of the charge understand a new element.

getting drunk - alternating desires of fight and

singing-a strange sensation, light, and ocstation

composition has been surred out of the city. All reads are packed with refugees. The Borisaley Hills are covered as with files—sorth, cast, and south and on the basts to Friend. The poison, whatever it is, is advancing in a ring from Fourteenth and Breadway. You have get to pass it to those ring. Already they have calculated the raise of the advances and have given varning. They deadwant and have given varning. They deadwant and have given varning. They do not not consider the contract of the contract of

know what it is, but they have figured just how faul it is movem. Twey have sweet the city. "I can one of the few men new inside the wave. Out of curiosity I have stack. I have a jug and as long as it lasts I shall stay. Strange feeling, Doy, dry, dry, as if the place of one'l life cells was turning into dust. Where evaporating almost inestantly. It cannot you through place. Whotever, healthy. It cannot you through place. Whotever, the contract of the contract of the contract unfortuned it. I have but gaugeth—". They was all. After that Doer was no near

a news out of Oakhand. It is the only word that we have out of the pall itself. It was sheet and distinct connected sind a his always; but for all that a beals from which to conjecture.

It is a strange and gloroise thing how some men will stick to the past of danger. This operator know that it meant destrict but he held with duty.

Had be been a man of accentific training his information might have been of insalanthic value. However, may God bless his beroic soul! What we know is third: The word that came from the experts continued it. Some new elements of force was stacking or susping the humility out of the atmosphere. Whether this was combining and entering into a poisson could not be determined.

Chemits worked freatistally at the estimate of the advancing ring. In four hours it hid cowered the sity; in six it had reached San Lausdre, and was advancing on toward Haywards.

It was a strange sitery and incredible from the healthning. No worker the world desirted, Sach self-nings. No worker the world desirted, Sach should be a supported by the control of the self-nings of the self-n

lews of Nature. This thing did look like a mirrolle which was merely because—as assaily it is with "mirrolle"—we could not understand it. Happily, we can look hack now and still place our faith is Nature.

The world deabited and was afraid. Was this

peril to apread aboutly over the whole state of Callforzia and then on to the-world. Doubt always precedos terror. A tense world waited. Tarn came the word of reassurance—from the solentists:

THE MAN WHO SAVED THE PARTH "Danger past: vigor of the ring is abeliev. Colreproseding over the door yard. To the east the

relation has deduced that the wave is slewly degressing in notentiality. It is too early yet to say that there will be recessions as the wave is test reaching its conich. What it is we cannot say; but it correct be inexplicable. After a little time it

will all be evoluted. Say to the world there is no cause for alares But the world was now amount: as it doubted the truth before, it doubted now the rensourance. Did the extentions brown? Could they have only seen

the future! We know new that they did not. There was but one man in all the world arent spough to foresos diseater. That man was Charley Havely

On the same day on which all this hornessed, a tage, left the little town of Jone in America County. California with a small truck-had of salt. He was one of the cattlemen whose beadquarters or home-forms are electored about the free-bills of the Sierres. In the wet season they stay with their here land to the valley: in the suremer they rene trate into the mountains, Pissoni had drown in

from the recurrising the night before, after salt, Two thousand solt-hunger cattle do not allow time for greats. With the thrift of his reen, Joe had leaded up his truck and after a reporter countries at breakfast was headed back into the mountains.

When the news out of Oakland was the invincement the world be was far into the Sierras. The summer quarters of Pinoni were class to Mr. Heckin, whose looming shoulders roon square in the center of the posture of the three brothers.

It was not a noted mountain-that in, until this day-and had no reason for a same other then that it was a neak outstanding from the range; like a thousand others; rugged, plac clud, easted with deer-brush, red soll, and mountain miserie. It was the deer-brash that may it value to the Pincogie-a succelent food richer than alfalfa. In the early summer they would come up with bony cattle. When they returned in the fall they went cut driving beef-stooks. But inland cattle must

have more than forege. Salt is the tinefure that makes them bealthy. It was far past the time of the regular salting. Pisseal was in a hurry. It was nine o'clock when be passed through the mining town of Jackson; and by twelve o'clock—the minute of the disaster—he was well hevord the last little hamlet that linked up with civilization. It was four o'clock when he draw up at the little pine-sheltered cabin that was

his bonderectors for the summer.

He had been on the road since midnight. He wen rient. The long yeary bours of driving the grades. the unvaried stress though the deep red dost, the heat, the stretch of a night and day had more both missi and muscle. It had been his turn to go after sult- now that he was here, he could lie in for a his of rest while his brothers did the salting. It was a peaceful spot! this cultin of the Pismeter martled arrang the virgin shade trace great tall feathery engar-pines with a mountain live-oak

plaing heights of the Sierras, misty, gray-green, undeletter into the distance to the nink-white case sents of Tuitle Alelen. Ralon in the owners the waters of the Mokelyment: to the unst the heavy dark masses of Mt. Hockle, deep verdent in the cool Jos drew up under the shade of the live oak. The

eir was full of cool, award seart of the afternoon. clear sky overhead, the breath of summer, and the enothing price of the pine trees. A shapperd doe came housding from the doorway to meet him. It was his favorite can dog. Heaply when Jos came back the dog would be for down the road to forestall him. He had wondered absently, coming

up, at the dog's delay. A dog is must of all a creature of habits only comething unmuch would detain him. However the dog was here; as the man draw up he reshed not to great him. A rush a circle, a bark, and a white of welcome. Perhaps the dog had been asleen.

But Jos setjeed that whise; he was wise in the wave of dogs; when Ponto whined like that there was comething unusual. It was not effective or spentaneous; but rather of the delight of succor. After serve a winute of netting, the deg squatted and feced to the westward. His whine was startling : shrout fancful.

Percent knew that comething was wrong. The dor drew up, his stub tail erect, and his hair all bristled; one look was for his master and the other whining and alert to Mt. Heckls. Puraled, Joe round at the recentain. But he are nothing

Was it the carries instinct, or was it coincidence? We have the account from Pissoni. From the words of the Italian, the for was afraid. It was not the way of Ponto; usually in the face of descer he was alert and easter; now be draw away to the cabin. Joe wondered Inside the shack he found nothing but evidence of

denarture. There was no sign of his brothers. It was his turn to go to sleep; he was wearied almost to numbrees, for forty-sight boors he had not closed an cyclid. On the table were a few unwashed dishes and erumbe of cating. One of the three rifles that hung regully on the wall was missing; the outfee not was on the floor with the lid open. On the but the coveriots were mussed on. It was a temp tation to go to sleep. Back of him the open door and Proto. The whose of the deg drew his will and his consciousness into correlation. A faint rustle in the surar-place soughed from the canyon Joe watched the dog. The sun was just glowing ever the creat of the mountain; on the western line the deep long silbrusties of the nine trees and the here hald bend of Beckly. What wen it? His brothers should be on hand for the salting; it was not their custom to put things off for the morrow.

Shading his eyes he atermed out of the decrease. The dog rose stealthily and walked behind him, usessily, with the same insistent white and ruffed bair. Joe listened. Only the mountain marmura, the ewest breath of the forest, and in the lance of hated breath the rippling melody of the river far helow him.

"What you see, Pento? What you see?" At the words the dog sniffed and advanced slight-

AMAZING STORIES by-a growl and then a sudden scurry to the heels source abot though with a morrial flacks of crimove

of his master. Panto was afraid. It nervied Piercel. Ret whatever it was that roused his fear. it was on Mt. Hackle. This is one of the strange parts of the story-

the most the dog played, and what came after inegalicable. Did the der arms it? We have no measure for the verse of instinct, but we do have it that before the destruction of Pompeli the beasts reared in their cages. Stift, knowing what we now

know, it is hard to accept the analogy. It may, after all have been coincidence. Nevertheless it decided Pizzori. The cattle needed salt. He would catch up his sinte and ride

ower to the sail home There is no moment in the cattle industry suite tike the nalting on the range. It is not the most exectscular perhans, but surely it is not lacking in intersecess. The way of Pimori was musical even if not operatio. He had a long-range call, a riging rhythm that for depth and tone had a peculiar effect on the shuttared stillness. It school and repertured, and needed from the ten to the butterm of the recorded. The salt call is the tellerore

of the mountains.

Two thousand cattle agreemented by a thousand atrava held up their heads in answer. The sniff of the welearn mall call! Through the whole range of the mun's voice the stock stormed in their leafy peature and listened. "Allerseshee!"

An old now believed. It was the beginning of bedlam. From the bottom of the mountain to the ten and for miles beyond went forth the sait call. Three thousand head bellowed to the delight of galt-

Pierced vode along. Bath lone of his pints through the tail tangend miserie was occorded "Alleemakee! Alleemakee!" The rending of brush. the confusion, and nandementum sureed to the very bottom of the leafy guickes. It is no place for a podestrian. Heads and talls erect, the nattle were

stampeding toward the logs. A few head and heat him to it. There he quickly drove away and cut the sack open. With heats he powed it upon the lags; then he rode out of the dust that for yards about the ware was trammed to the finest powder. The center of a herd of salting return stock is un place for comfort. The man rode away; to the left be assended a low

knob where he would be safe from the stampede; but class spough to distinguish the brands. In no time the piace was alive with million steek. Old cows, heifers, bulls, calves, stoore runhed out of the crashing brash into the elegring. There is no recoment exactly like it. What before had been a broad clearing of brownish reddish deet was sand cattle, and still coming. From the farthest bright came the scholing call. Planesi glanced up

at the top of the mountain. And then a strange thing happened, From what we guthered from the excited accounts of Pizzozi it was instantaneous; and yet by tiful affect as never to be forgotten. A bluish a permitter wire frames of ornhomenon; the whole would sciptillating; the sky, the sir, the mountain, a yest fisms of outer so wide and so intense that there second not a third house it. And instantaneous it was over almost before it you started. No notes or warning, and no subsequent deteration; as of warning, and no superquent development as silent as winking and much, brdood, like the queer have of sales induced by defective vision. All in the fraction of a second. Planted had been environ at the mountain. There was no mountain!

been the shade of the towering peak was new the rays of the western sun. Where had been the blur of the willfar bood and its destroise partersoless was now a strange allence. The transparence of the air was unbroken into the distance. For off lay a meanful range in the sunset. There were no recentain! Neither were there cettle! For a movemt the man had scough to do with his purpose mustage. In the bler of the subsequent second Pizzezi remembers nothing but a

secondator of fighting horsefish husking, twistley, plunging, the gentle pinto sufficialy meddened into a densen. It required all the skill of the cowman to retain his saddle. He did not know that he was riding on the rim of Ricernity. In his mind was the don subsystems resituation of a thing that had berrened. In arita of all his efforts the horse fought harlowed. It

was nome recognite before he consequed. They have It was a slow hositant moment. One cannot so count for what he will do in the coun face of a

miruole. What the Italian lighted was enough for terror. The sheer immensity of the thing was too much for thinking. At the first sight his simples mind west rumb from abour impotence; his burror to a dogree from

The whole of Mt. Heckla had been shorn away; in the place of its darkened shadow the sinkton can was blicking in his face: the whole western sire all golden. There was no vestige of the fat salt-clearing at the bare of the mountain. Of the two thenand cattle milling in the dust not a one remained The man ground himself in storog. Machanically

But the mustang would not. Another struckle with hunking flotting maddened become an cow-man must peeds bring in all the skill of his training; but by the time he had concurred his mind had settled within some scope of comprehen-

akan The pury had good reasons for his terror. This time though the man's mind recied it did not en dumb at the clash of immensity. Not only had the whole menutain been torn away, but its roots as well. The whole thing was up-side down; the world torn to its entrails. In pisce of what had been the beight was a gulf so deep that its depths were

blackness. He was standing on the brisk. He was a cool man, was Pismosi; but it was hard in the confution of such a miracle to think clearly: much less

to reason. The prancing mustang was snorting with terror. The man singled down. The very distincts of the gulf, sheer, losing itself the same words it was of such a peculiar and beauinto shadows and chaos courpowered him, his mind

The dector maintained that from the beginning the progress of resteried rivilization had been along three distinct chempales spinose immedian and administration. It was simply his theory that the first two should be one; that the scientist deal not alone with dry fact but with becoming, and that the inventor, unless he is a scientist, has mastered

but half his trade. "The really great scientist should be a visionary," said Robeld, "and on inventor is mersly a root, with tools," Which is where we get Charley Hoyck. He was a visionary, a scientist, a poet with tools, the provided of Dr. Robeld. He dreamed thirtee that no

scientist had thought of. And we are thankful for his dearming The one wreat friend of Hurck was Professor Williams, a man from Charley's home city, who had

known him even back in the days of selling papers. They had been evenion in heybred, in their tears. and again at College. In after years, when Huyek had become the visionary, the mysterious Man of the Meantain and Williams a small renforms of astronomy, the friendship was as strong as ever-But there was a difference between them. Will

lisms was exact to seuteness, with not a whit of vision havord nurs science. He had been record in the old stone cold theory of sections: he lived in forme. He could not understand Howek or his sangering. Derfactly william to follow as for an facts permitted be refound to step off into avera-

Which was the point between them. Charles Horry had wision; although exact as any man ha had ever one part of his raind searing out lete speculation. What is, and what might be, and the gulf between. To bridge the gulf was the life work of Charley Hurck

In the array little office in Arizona we find them; Charley with his feet netzed on the desk and Williams precise and possetflicus, true to his training, defunding the exactness of his philosophy. It was the cool of the evening; the ren was just mellowing the heat of the desert. Through the oven door and

windows a cool wind was blowing. Charley was smoking; the same old pine had been the hane of Williams's life at rollege.

"Then we know?" he was asking.

"Yes," speke the professor, "what we know, Charley, we know; though of course it is not much, Bt in very hard, nay impossible, to deny fleures. We have not only the wroofs of malacy but of astro-

nemical calculation, we have facts and figures plus our sidereal relations all about us. "The world must come to an end. It is a hard thing to say it, but it is a fact of science. Slowly,

inovitably, ruthlessly, the end will come. A mera-Huyck rodded. It was his special function in life to differ with his former recommete. He had

come down from his own mountain in Colorado Sust for the delight of difference.

"I see. Your old calculations of tidal retardstion. Or if that deem't work the loss of exvern earth is being drawn soury day by the sun; its wetation is slowing up; when the time comes it will

and the water." "Kither one or the other; a matter of figures; the

But the house fought hashward; manual her instinet it down back from the about books of the sulf. It had no reason but its nature. At the instant it sensed the snarping of the iron will of its on its wild way out of the mountains. At senreme morrowta a cuttle horse will always hit for home The pinto and its limp rider were flesing on the

lion in the saddle

tance. The doubt was repressing. His whole body

arresonded to a modern could of weakness; the

wishness that comes that before fallies. He went

road to Joekum.

Pizzoni had no knowledge of what had occurred in Calcland. To him the whole thing had been but

a flesh of mirrors; he could not remon. He did not such his horse. That he was still in the saddle was to his velition.

He did not even draw on at the cobin. That he could make better time with his motor than with his visto did not occur to him; his wind was far too. busy; and, now that the thing was passed, too full of terror. It was frety-free miles to town: it was elected and the stars were shinner when he rode into

CHAPTER IV "WAN-A GERAT LITTLE BIRG"

And what of Charley Huyek? It was his auticination and his training which leaves as here to tall the story. Were it not for the strange manner of his rearing and the loss faith and appreciation of Dr. Robold there would be to-fav no tale to tell The little incident of the burning place had grown If there is no such thing as Pate there is at least armething that comes year close to being Bestiny.

On this night we find Charley at the observatory in Arisona. He is a grown man and a great ore. lad we met on the street selling namers. Tall. alender, very slightly steeped and with the same idealistic, dreaming even of the post. Surely no one at first plance would have taken him for a selec-

tist. Which he was and was not. Indeed, there is something vastly different about the science of Charley Hoyek. Science to be wore, but not protoic. He was the first and perhaps the last of the asked of Dr. Robold, a necessian

combination of poetry and fact, a man of vision, of vast, far-seeing faith and idealism linked and based on the coldest and sternest truths of materialism. A negative tweet of the theory of Rehald: "True science to be itself should be half poetry." Which any of us who have read or heer at school know it is not. It is a peculiar theory and though rather wild still with some neights in favor.

We all of us know our schoolmasters; especially these of spierce and what they stand for. Facts. facts, nothing but facts; no dreams or remance. Looking back we can great them just about the emotions of curambers. We remember their cold. hard features, the prodding after fact, the sommelatter of date. Revely there is no receive in them. Yet we must not don't that they have been by for the most rotant of all men in the recorner of civilastica. Not even Bobeld would deny it.

act to the sun in exactly the same manner as the meen acts to the corth to-day," as metter, and they cannot do it. Your mathe-matics are worthless." The professor bit his lip. "I understand. It will be a case of eternal night

for one side of the earth, and storest day for the other. A case of hurn up or freeze up," "Exactly. Of if it doesn't reach to that, the water can will gradually lose out into sideraal

space and we will go to desert. Merely a question of the old dynamical theory of gases; of the molecules to be in motion, to be forever colliding and abooting out fato variance.

"Each minute, each bour, each day we are losing part of our atmospheric envolupe. In course of time it will all be gene; when it is we shall be all desert. For intence, take a look outside. This is

Arizone. Once it was the bottom of a deen blue see. Why deny when we can already behold the beginning."

The other leaghed. "Pretty rood mathematics at that, professor,

"Only !" "That it is merely mathematics."

"Merely mathematics?" The professor frowned alightly. "Mathematics do not lie, Charlie, you cannot get away from them. What sort of fanciful

argument are you bringing up now?" "Simply this," returned the other, "that you do need too much on figures. They are material and in the nature of things can only be employed in a calculation of what may harren in the future. You must have premises to stand on, facts. Your fig-

ures are rigid; they have no elasticity; unless your foundations are persented and feultless very deductions will lead you only into error." "Granted; just the point; we know where we

stand. Wherein are we in error?" It was the old point of difference. Huyck was ever crashing down the idols of pare materialism. Williams was of the world-wide school

"You are in error, my dear professor, in a very little thing and a very large one." "What is that " "Man."

"Man "

"Yes. He's a great little bur. You have left him out of your calculation-which he will unset." The professor smiled indulgently, "I'll allow: be is at least a conceited hug; but you surely cannot grant him much when pitted squiest the Universe." "No! Did it ever occur to you, Professor, what the Universe is? The stars for instance? Space, the invesesurable distance of Infinity. Have you

Williams could not quite grasp him. Huyck had a babit that had grown out of childhood. Always he would allow his opponent to commit himself. The professor did not answer. But the other spoke, "Ether. You know it, Whether mind or greatte.

For instance, your desert." He phood his foger to his forebase. "Your mind, my mind-lecalized ether." "What are you driving at 1"

"Morely thin. Your universe has intelligence. It has mind as wall so matter. The little knot called the earth is becoming conscious. Your deductions are incompetent unless they embrace mind as well

"Always functiful," he commented, "and visionary. Your argument is beautiful, Churley, and hopeful. I would that it were true. But all thines

must mature. Even an earth must die." "Not our earth. You look into the mast, profesnor, for your proof, and I look into the future. Give a panet long enough time in maturing and it will develop life; give it still longer and it will produce intelligence. Our own earth is just coming into consciousness; it has thirty million years, at

least, to rus." "You mean?" "Thie. That man is a great little bug. Mind: the intelligence of the earth

This of course is a hit dry. The conversation of such men very often is to those who do not care

to follow them. But it is very pertinent to what came after. We know now, everyone knows, that Charley Huyck was right. Even Professor Williams admits it. Our earth is conscious. In less than twenty-four hours it had to employ its conecisteness to save itself from destruction.

A hell rang. It was the private wire that canpected the office with the residence. The professor picked up the receiver. "Just a minute. Yes? All Then to his companion: "I must go over to the house. Charley. We kays plenty of time.

Then we can go up to the observatory." Which about how little we know about ourselver, Poor Professor Williams! Little did he think that those essual words were the last he would ever

speak to Churley Huxele The whole world seething! The beginning of the cold Charley Harry in the vortex. The next few hours were to be the most strengous of the

planet's history.

CHAPTER V. APPROACHING BUSANTES

It was night. The stars which had just been coming out were spotted by millions over the electine desert. One of the wights that are necessar to the country, which we all of us know so well, if not from experience, at least from hearsny; mellow, soft, sprinkled like salted fire, twinkling,

Each little light a message out of infinity. Conmic grendeur; mind: chaos, eternity-a night for dreaming. Whoever had chosen the soot in the denort had nicked full well. Charley had maken of consciousness. On that night when he samed on at the stary he was its personification. Sorrely

a good spirit was watching over the earth. A cool wind was blowing; on its breath floated the marmars from the village; buighter, the rong of children, the purring of motors and the startled harking of a dog; the confused drone of man and his civilization. From the eminence the observatory looked down upon the town and the sheen of light, spotting like lewels in the dim glow of the

desert. To the cent the mellow moon just tipping over the mountain. Charley straped to the window. He could see it all. The nabile beauty that was so akin to poetry: the stretch of desert, the moun tates, the light in the eastern sky; the delt level line. A heartiful right: awestered with the kenath Agrous the laws he watched the professor descending the nathway under the service An automobile was coming up the driveway; as it drove

on under the area by retired its presental lines and its driver; one of those splendid pleasure care that have returned to four during the last decade: the soft pury of its motor, the great heavy tires and its coating of dust. There is a love about a creat corcoming in from the desert. The car stormed.

Charley noted. Doubtless some one for Williams. If it were he would so into the chestrators show In the strict error of the word Huvele was not an entropymen. He had not made it his profession. But for all that he knew things about the store that the vecto exact professors had not dreamed of. Charley was a dreamer. He had a code all his own and a manner of reasoning. Be-

tures him and the store law a record He had not divulend it, or if he had, it was in such an onen way that it was laughed at. It was not cold enough in calculation or, even if an way too for from their defrotion. House had seconds. tion; his universe was alive and notest; it had intelligence. Matter early not the without it. Man was its manufestation; just come to consciousees. The private farmed with intelligence Charles

He crossed the office, passed through the reception-room and thereo to the stales that led to the observatory. In the time that would leave before the remine of his friend he would have smale time for observation. Somehow he felt that there was time for discovery. He had come down to Arinona to employ the lens of his friend the astronomer. The instrument that he had erected on his own mountain in Colorado had not given him the full satisfaction that he expected. Here in Aricone in the dry clear air, which had hitherto civen such

extended results, he haved to find what he was after thing he did. It is one of the strangest north of the stone that he should be here at the very moment when Fate and the world's safety would have had him. For years he and Dr. Robold had been at work on their visionary projects. They were both dreamera. While others had scoffed they had ellently been at their erest work on kinetics

The boy and the burning glass had grown under the totalspe of Dr. Robold: the time was about at hand when he could out-rival the saving of Archirredes. Though the world knew it not Charley Hovek had arrived at the point where he could literally hurn on the earth.

But he was wet simister: though he had the rower he had of course not the slightest intention He was a dreamer and it was part of his dream that man brenk his thraidon to the earth and reach and into the universe. It was a great conception and were it not for the terrible event which took his life we have no doubt but that he would have It was ten-thirty when he mounted the stens and seated himself. He glanced at his wetch; he had

escended.

he counted himself fortunate. Only the stars and Charles Havel knew the secret; and not even be Prop his needed he dress a number of namera most of them severed with notations; some with drawings; and a good sized man in solors. This he spread before him, and with his pencil began to draw right across its face a net of lines and cross lines. A number of figures and a rapid comretation. He nedded and then he made the obser-

the time for the observation. For months he had

waited for just this moment; he had not bound to he slove and more that he was in aditary requestion

It would have been interesting to study the face of Charley Brench during the next few reconsents. At first he was murchy receptive, his face placed but with the studiers intentuces of one who has come to the moment; and so he began to find what stoneyd and the terring of his fast count antirely. Por a full fine minutes an absolute intentions

Derive that time he was out around the stars behalding what not even be had descreed of . It was more than a secret; and what it was only Charles House of all the rellions of man could have seen nized. Yet it was more than even he had expected. great drops of awant stood on his forehead; and the terrible fruth in his own made him look ten years

"My God?" For a moment indecision and strange impotence The truth he had beheld numbed action: from his line the mumbled words:

"This world; my world; our great and splendid mankind !* A rentence that was deepsir and a benediction Then markonically he turned back to everfere his observation. This time, knowing what he would see, he was not so borrified; his mind was chered by the wishs fact of what he was beholding. When

He was a man who thought quickly-thouk the stars for that—and, once he thought, enick to suring to action. There was a peril poising over the earth. If it were to be worded there was not a second to lose in weighing up the possibilities. He had been dreaming all his life. He had never throught that the climax was to be the very coposite

of what he housed for. In his under mind he prevent for Dr. Rabold-dead and gone forever. Were he only here to belp him! He saired a piece of paper. Over its white face he ran a mass of correctations. He worked like

to the pic-point of penins. Not one thing did he overlock in his calculation. If the earth had a chance be would find it

There are always reasibilities. He was working out the odde of the greatest race since creation. While the whole world slept, while the uncounted

militons lay down in fond security, Charley Hursk there in the lenely room on the draget draw out their figured odds to the point of infinity. "Just one chance in a million."

Whisner It.

AMAZING STORIES He was going to take it. The words were not reging into dell brown even and sandonic buschter; out of his month before his lover hors were learning a long this none and line droomed at the corners down the stairway. In the flash of seconds his then as auddenly tipping up-a queer creature, butt mind was rushing into clear action. He had had deed half knowler, and all fun years of drooming; all his years of study and "Ecoy, Charley, easy! How much did you say!

But he needed time. Time! Time! Why was it an exercises? He must not to his own many In aix fumps he was in the offer. It was empty. The professor had not returned He thought rather grimly and firetinely of their conversation a few minutes before; what would

totelage under Rotold gave him fast the training

Williams think now of science and consciousness? He ricked up the telephone receiver. While he waited he saw out of the corner of his eye the ear in the driveway. It was-"Reile, The professor? What? Gone down to

towa? No! Well say, this is Charler"-he was matching the car in front of the building. "Hav. hallo-tell him I have gone home, bernet H-c-m-s to Colorado to Colorado, ven to the mountain -the m-o-n-t-a-t-n. Oh, never mind--Pil leave

Be slawned down the receiver. On the desk be agranded on a niere of nangri

Par "Look these up. I'm bound for the mountain. No time to explain. There's a car outside. Stay with the less. Don't leave it. If the earth goes up you will been that I have not reached the mountain." Reside the rate he placed one of the mann that he had in his recketwith his negril dress a black gross just above the center. Under the man were

a number of computations

great critical recognit he forgot the professor's title It was a good thing. When Williams read it be recognized the significance. All through their life in erpeial moments he had been "Ed." to Churky. But the note was all he was destined to find. A

betelv wind was blowing. By a strange balance of fate the agree movement that let Huyek out of the building unbured in the wind and uport calculation. It was a little thing, but it was excush to keep all the world in ignorance and despair. The eddy whisking in through the door picked up the proclops map, poised it like a tiny place, and dropped

it neatly behind a bookcase, CHAPTER VI

A BACK TO SAVE THE WORLD

Ruyck was working in a straight line. Almost before his last words on the phone were spoken he had requiritioned that automobile entaide; whether money or talk, faith or force, he was going to have it. The hum of the motor sounded in his ears as he ran down the steps. He was hatless and in his shirt-sleeves. The driver was just putting some tools in the car. With one jump Charley had

him by the collar. "Five thopeand dellars if you can get me to Ro hold Mountain in twenty hours."

The very suddenness of the rush caught the man by surprise and lurched him against the car, turning him half around. Charley found himself

H was Rob Winters. But Winters and his one And watting. Supply no turist of forture could nave heen ereater. He was a college chum of Hayele's and of the professor's. If there was one man that could make the run in the time alletted, Bob was he. But Havek was impersonal. With the hurden on his mind he thought of neight but his destina-

"Ten thousand!" he shouled. The man held back his bead. Hurck was far too serious to appreciate missible. But not the year "Charley Hurth, of all men. Did young Lochityar come out of the West? How much did you say?

This desert air and the dust, 'tis hard on the hearing. She must be a young, fair maiden. You three und" "Towely thousand, Thirty thousand, Dames.

tien, man, you can have the marriage. Tato the car." By above aphicetism atremeth he formed the either into the markine. It was not until they were shoot-

fac cet of the grounds on two wheels that he realized that the man was Bob Winters. Still the workings of fate. The region and wild Rob of the range! Sumly Destiny was on the job. The challenge of sneed and the premium. At the opportune moment he-

fore disaster the two men were brought together. Minutes welched on with contories and house outbalanced millenniums. The whole world slept; little did it dream that its very life was riding scoth with

Into the midnight! The great ear, the peids of Winter's heart, leaved between the officers. At the were cutset madean that he was, he sent her into seventy rolles as hour: they fairly furned off the hill into the village. At a full seventy-five he took the surve; she skidded, sheered half around and

For an instant Charley held his breath. But the and shot out into the desert. Above the whir of the motor, fring dust and blarring what-rot, Chanley got the tonos of his companion's voice. He had heard the words somewhere in history.

"Ween your past Mr. Greeks. Keen your seat?" The moon was row far up over the mountain, the whele deport was harhed in a mellow taillight; in the distance the mountains broaded like an uncertain

storeberrar sland bank. They were headed straight to the northward; though there was a better road round shoot. Winters had chosen the hard, rocks He knew Rayek and his reputation; when Charles

bee-line to the mountain. offered thirty thousand for a twenty-hour drive it was not mere beniay. He had harmened in at the observatory to drop in on Williams on his way to the coust. They had been classmates: likewise

When the excited man out of the observatory had seized him by the coller. Winters merely had largehed. He was the speed king. The three boys who had

the earth. But only Huyek knew it.

There's wordered. Through miles and miles of feeling eagefurth, eart and sand and and declaring, he rolled over the problem. Steady as a rock, slightly stooped, grin and as certain as steal he hald to the north. Charley Huyek by his side, halless, could, he, his half darking to the wind, all impatience.

has his held darries trayer by me soot, nature, conless, his held darries to the wind, all impatience. Why was 82? Surely a man even for death would have time to get his hot. The whole thing spelled speed to Bob Winters;

The whole ming spaces space to have winners; perhaps it was the infraince of spirit or the intenatity of his companion; but the thrill run into his within. Thirty thousand dollars—for a table like that—what was the balance? He had been called Wild Bab for his during; some had called him insance; on this night his insantity was machantment. It was will it he less of the right readders a whirley was will it he less of the right readders a whir-

Even wild, the less of the giant readstar a whitring shower of gravel; into the darkness, into the might the air fought over the distance. The terrific momentum and the friction of the air fought in their faces; Huyek's face was unprotected; in no time his lips were enclod, and long before they had crossed the itself his which face was blocking.

But he headed it not. He only lines that they were neviring; that slowly, misute by mirute, they were cetting down the odds that bare disaster. In his mind a mass of figures; the terrible night he had seen in the telecopy and the thing impossing. Wey

had he kept his secret?

Over and again he impossibed himself and Dr. Rebold. It had econs to this. The whole world sleeping and only himself to save it. Oh, for a few minutes, for one short summent! Would he gat it? At heat they resched the momentains. A rough

At list they reacted the meantains. A rouge, rocky read, and but little invested. Happily Winters had made it once before, and knew it. He took it with every bit of speed they could stand, but even at that it was diminished to a minimum.

at that it was diminished to a minimum.

For heurs they fought over grades and galches, dry marketts and builders. It was dawn, and the sky was growing pink when they rofe down again upon the level. It was here that they ran erross they first trouble: and it was here that Winters.

their arts tribute; and it was never use. Wholese, hepan to realize wageely what a rose they might be running.

The particular level which they had entered was an ellow of the desert projecting into the mountains into below a massive, newly constructed dism. The

reservoir had but intily been filled, and all was being gut in readliness for the dedication.

An intracase sheet of water extending for back that the mountains—it was intracided before long to transform the desert into a parafer. Below, in the valley, was a town, already the entire of a prosperous irrigation actionsment; but seen, with the solided where they arrived it, was neglectory while,

valies, was a town, already the outsite of a prosper out arrigation settlement; but soon, with the above area, to become a flourishing city. The elbow where they atruck it, was privage twenty miles across. Their northward path would take them just exhibit the tip where the foothile of the opposionisis the tip where the foothile of the opposimentalist chain method into the desert. Without of Winters pot on all speed and phringed across the

sands. And then:
It was much like winking; but for all that something for more impressive. To Winters, on the lefthand of the cir and with the east on the right hand, it was much as if the san had saddenly larged upsed as satisfave vinumed down baland the bariton-

szere, familey diamond duck by a million fire points.
Institutions and heartfull. In the pile divers
of the desert in its wooder and color were keycold
all hearty. Winter cought it cut of the occure of
his eye, if was no instantanceous and so illusive that
he was not could. Institutionly he holded to his
companion.
But Charley, too, had seen it. His attitude of
writing and hepting was vigorised into vivid cellion.
He know just what it was. With our head be

He knew just what it was. With one hand be clutched Winters and fairly shouted.

"On, on, Bob! On, as you value your life. Put into her caure hit of smeed you have not."

into her every hit of speed you have got."

At the same instant, at the same breath came a rest that was not to be forgotten; crunching, relining, terrible—like the mountain moving.

Bob knew it. It was the dam. Something had bream it. To the cost feel overst wall of water falls.

around it. To mountains? A heartiful eight and terrible; a refertites glassy relier fringed sleen its base by a lee of rawing foam. The upper part was as smooth as crystal; the stored-up waters of the mountain moving out compactly. The man thought

of the little town below and its peril. But Huytk thought also. He shouted in Winter's ear: "Never mind the town, Keep straight north. Over worder to the nelate of the union. The town will

younder to the point of the water. The fown will have to drown."

It was inescrable; there was no pity; the very strength and purpose of the command drove into the other's understanding. Dinly now he realized

that they were really remning a race against time. Whaters was a chredwil; the very established as a terili of cambation through him. It was the oliman, the great moment of his life, to be driving at The real was terrilio. Before they were half across it seconds to the two men that the way sound would drown them. There was suching in the world hard producescular. It will be well as the contract of the contract

s reashing out to acquift them. Life interest two
submission into open foco of the delayer. When they
had not received the tip they were so close that the cost
summing fringe of the surf was at their which.

Around the posit with the wide open plain being to cotrum it. The waters with a wider stratch
summed of the contract they had last all besummed to contract it. The waters with a wider stratch
summed of the contract they had last all besummed on. In a few concents they had last all be-

spread out. In a few morsents they had left all behind them.
But Wintows wondered; what was the strange fish of evancement beauty? He know this dam and its construction; to conflict the centerion. It had been whiffed in a second. It was not Egithning. He had heard no second outer than the rash of the

waters. He looked to his companion.

Hueyk nodded.

"That's the thing we are racing. We have only
a few hours. Can we reals it!"

Each and discould that he was continued in the second

a few bours. Can we make it?"

Bob had thought that he was getting all the speed
possible out of hie meter. What it yielded from
that mercent on was a revelation.

position out it may secon, where is present from that measured on was a revelation.

If its not eafe and hardly possible to be driving at such speed on the desert. Only the best car and a form readway can stand it. A sudden rut, squirred hole, or needst of sand is as good as destruction,

They rushed on till poon.

Not seen Winters with all his startness small ing; the mountains had been seared like britise. avoid it. Perhans he was weary. The tedious Straight as an arrow. hours, the racking aread had more him to exhaust on Then the roar of the delugs. The waters of the They had reased to individualize, their way a blar, Pacific breaking through its sands and volling into

AMAZING STORIES

It was over just that quickly. A more flash of accordingness plan a constition of flying. They men broken on the asness and the great, beautiful reads-CHAPTER VIL A REVENT CONTROVENT

It came suddenly, a blind harrance-one of those

surken, uneless character that are death to the un-

a nightmore of anced and distance.

warv. No warning

But hask to the world. No one knew about Cherley Hayok nor what was securring on the

desert. Even if we had it would have been impossible to construe connection. After the news out of Oakland, and the desirantion of Mt. Hetkin, we were far too spesiled. The

whole thing was beyond us. Not even the selectists with all their data could find one thing to much on The wires of the world bursed with wonder and with name. We were elvilland. It is really atransac low outsity, in suite of our boasted powers, we

recent to the arimition Consentition cornect die. Where was no evolunetion must be miracle. The thing had been reneated When would it stelles again And where ! There was not loor to writ. But this time the

stroke was of far more consequence and of far more terror. The sheer reight of the thing shock the earth. Not a men or consequent that would not major in the fees of such destruction It was empiredent. A whole continent had been rises. It sould be impossible to pice description

of such estastronke; no pen can tell it any more then it could describe the greation. We can only follow in its path, On the morning after the first catastrophe, at eight o'clock, just south of the little city of Sents Cruz, on the north share of the Bay of Monterey, the same light and the same, though not quite the same, instantaneouspess. Those who beheld it report a yest bull of saure bins and enalment fro

and motion; a strange assession of vitalized vibramarble, as round as a full meen in its glory, but of infantely more beauty It came from accelera; poither from above the earth ner below it. Seeming to keep out of nething, It etided or rather variabled to the contward. Httl:

the effect of winking, though this time, perhaps from a distanced focus, more virid. A dot or merble, like a full moon, hursing, opal, soaring to And instardaneous. Gene as noon as it was some nelcoless and of phantern beauty; like a finger of the

Overlyched tearing across the world, and so torrible. The human mind had never conceived a thing oo vast. Beginning at the sands of the ocean the whole country had vanished; a charm tweive miles wide and of unknown depth rurning straight to the eastwerd. Where had been farms and homes was noth-

ands: then out into the environ occur storight out into the Sea of the Servasco. A great gulf riven The nath seemed to follow the sun; it here to the eastward with a allow southern deviation. The monetains it out like cheese. Passung just north of Freeno it seared through the gigantic Sierran halfway between the Yosemite and Mt. Whitney, through the great desert to southern Newsda, thence serois zorthern Arisons, New Mexico, Taxes, Arkarana, Mississippi, Alabama, and Georgia, entering

the Golf of Mexico. That there was no best was

One ren only conceive in figures. From the

aboves of Santa Cruz to the Atlantic- a few sec-

evidenced by the fact that there was no steam.

thing could not be internal. Yet what you st?

the Atlantic at a point half-way between Brunswick and Jacksonville. A great canel twelve miles in width linking the oceans. A catechyome blandag. Today, with thousands of shigs kessing freight over its water, we can bless that next of the dis-But there was more to come. So for the mireofe had been promitie. Whatever had been the forme if

had been fetal only on point and occasion. In a way it had been local. The deadly atmospheric comblanting of its aftermath mas investable in its we cession. There was no suffering. The death that it dealt was the death of obliteration. But now it entered on another stare. The world is one vast hell, and, though large, still a very small place to live in. There are few of us. perhaps, who look upon it, or even stop to think of

it, as a living being. Yet it is just that. It has its currents, life, rules, and its frages; it is spordinate; a million things such as the great streams of the ocean, the swirts of the atmosphere, make it a piece to live in. And we are conscious only, or mostly. through dinester. A strongs thing happened.

The great egal like a mountain of fire had rives seroes the continent. From the beginning and with each succession the thing was magnified. But it was not until it had struck the waters of the At-

tion: of percentified fiving force. In shope like a its fetality. The earth suivered at the shock, and man stood sixilization was literally falling to pieces. We were against this that had been literally ripped from the unknown we were insignificant. The whole world

was fromen. Let us ree, lete the Atlantie! The transition. Hitherto silence. But now the roar of ten thousand million. Nigogres, the waters of the ocean rolling, estapolting, roaring into the gulf that had been seared in the bosom. The Gulf Stream est in two, the currents that terresered our civilisation sheared in a second. Straight into the Sargasso See. The great coal liquid fire, luminforent, a ball like the setting sun, lay poised upon the ocean. It was the end

of the earth! What was this thing? The whole world knew of awirling torrest of meddened waters rusked to the anal-and disarreared. It was hellish and out of madrees; as beautiful as it was uncounty. The onal high as the Himalayan

brooding upon the water; its myviad colors blending, winking in a phantsom of irideseappe. The beauty of its light could be seen a thousand rolles. A thing out of mystery and out of forces. We had discovered

ment things and knew much; but had quested no such thing so this. It was vampirish, and it was literally drinking up the earth. Consequences were immediate. The point of contact was fifty miles across, the waters of the Atlactic with one second turned to the reservet. The

Golf Stream veered straight from its course and out seress the Atlantie. The key currents from the poles freed from the warmer harrier descended along the coasts and thouse out into the Sargusso

Ses. The temperature of the temperate zone dipped below the point of a blissard. The first word come out of London. Freezing! And in July! The fruit and entire harvest of northern Europe destroyed. Olympic parces at Conenhagen postponed by a fost of snew, The river

Saine freeze. Snow falling in New York. Grone nipped with front as far south as Cape Hatterns. A first of airplanes was despotched from the United States and enother from the west coust of Africa. Not half of them returned. Those that did reported own more disaster. The reports that were handed in were appalling. They had sailed straught

on. It was like flying into the sun; the vividness of the one learners was blinding, rising for railes above them allgring, drawing and unhely, and of a beauty Only the tardy had escaped. It even drew their

motors, it was like gravity suddenly become vitalised and conscious. Thousands of machines vaulted into the enalescence. From those shead hopelessly drawn and powerless came back the warning. But hundreds could not escape "Back," came the wireless. "Do not come too

ciese. The thing is a magnet. Turn back before too late. Against this man is insignificant." Then like guess fritting into fire they vanished into the onslaucence.

The others turned back. The whole world freesing shaddered in horror. A great vampire was brooding over the earth. The greatness that men had attained to was nothing. Civilisation was tottering in a day. We were hopeless. Then came the last revelation; the truth and

verity of the dissater and the threatened climax. The water level of all the roast had roze down. Vast shb tides had gone out not to return. Stretches of savel where had been surf extended far out into the sea. Then the truth! The thing, whetever it was, was drinking up the ocean.

CRAPTER VIII

THE MAN WHO SAVED THE EARTH It was tragic; grim, terrible, cosmic. Out of nowhere had come this thing that was cating up the

We who had built up our civilization, piece by piece. were after all but beauty. We were going out in a more of benety into the infinity where we came. Hour by hour the great orb of enalescence grew in splendor; the effect and the beauty of its lure aprend about the earth; thellling, vitrant like suppressed masic. The old earth

helpless. Was it possible that out of her begon also could not plack one intelligence to save her? Was there not one law-no answer? Out on the desert with his face to the see lov the

answer. Though almost hopeless there was still some time and enough of near-miracle to save so. A lamping fate in the shape of two Indians and a bettered runsbout at the last moment. Little 6id the two red mm know the value of the two man found that day on the desert. To them

the dibris of the mighty car and the serve hadies told enough of the story. They were Samaritans; but there are many sons to bless them. As it was there were many hours lest. Without this less there would have been thousands enamed

and an almost immeasurable amount of disaster. But we have still to be thankful. Charley Huyck was atill little. He had been atumed; hattered, bruised, and unconstitute; but he had not been intered vitally

There was still enough left of him to drag himself to the old ransboat and call for Winters. His corepanion, as it happened, was in even better shape than himself, and waiting. We do not know how they talked the red men out of their relieus/bether by coaxing, by threat, or by force, Streight north, Two men battared, worn, bruised,

but steadfast, bearing in that limping old motorcar the destiny of the earth. Fate was still on the They had lost many precious hours. Winters had forfelted his right to the thirty thousand. He

did not care. He understood vaguely that there was a stake over and above all money. Howek said nothing; he was too mainted and too much below will-opwer to think of speaking. What had occurred was unknown to them. It was not until they earne sheer smon the gulf that had been given struight arreas the continent that the swful truth daymed

To Winters it was terrible. The mere glimpes of that blackened chazm was terror. It was bottomless; so deen that its depths were cloudy; the misty hose of its occertain shadows was akin to choos. He understood vaguely that it was related to that terrible thing they had beheld in the morning. It was not the nower of mar. Some force had been

loosened which was ripping the earth to its vitals. Acress the terror of the chasm be made out the dire cotlines of the emposite well. A full twelve miles scross. For a moment the sight overcame aven Huyck himself. Full well be know; but knowing, as he did, the full fact of the mirnole was even mure than be

on them.

expected. His long years under Rebold, his scientific imagination had given him comprehension. Not puny steam, nor weird electricity, but force, kinetics-out of the universe.

for herea remaining. The thought more him andden energy. He seized Winters by the arm. "To the first town Rob. To the first town-on vitodime. There was speed in that rector for all its decades

carries parallel to the great sharm. But for all his speed he could not keep back his question. "In the name of Haavon, Charley, what did it?

Come the souwer: and it drove the last of all speed through Winters

"Hob," said Charley, "it is the end of the worldif we don't make it. But a few hours left. We must have an airplane. I must make the morn-

It was enough for Wild Bob. He settled down. It was only an old runabout; but he could get speed out of a whosharrow. He had never driven a race like thus. Just seem did be smeak. The words were characteristic.

"A wor'd's record. Charley. And we're going to win. Just watch us." And they 6id. There was no time lost in the change. The more fact of Huyok's name, his appearance and the manper of his arrival was arrively. For the last hours, messages had been pourme in at every post in the Rocky Mountains for Charley Horek, After the

failure of all others many thousands had thought of Even the government, unappreciative before, had awakened to a helated and almost frantic esqueness. Orders were out that everything, no matter what, was to be at his disposal. He had been regarded as visionary; but in the face of what had occurred, visions were now the most practical things for mankind. Besides, Professor Williams had sent out to the world the strange partent of Hurek's note. For years there had been prestery on that mountain.

Unfortunately we cannot give it the description we would like to give. You men outside of the regular employees have ever been to the Mountain of Rebold. From the very first, owing perhaps to the great forces stored, and the danger of carelessness. strangers and visitors had been barred. Then, too, the secreey of Dr. Robald-and the respect of his specially. But we do know that the burning ginas had green into the mountain.

Hab Winters and the aviator are the only open to tell us; the employees, one and all, chose to remain. The cateolysm that followed destroyed the work of Hurck and Robold-but not until it had served the greatest dood that ever come out of the minds of men. And had it not been for Huyck's insistency we would not have even the account that

panious return while there was yet a charge. Full well he knew. Out of the universe, out of rooce be had couxed the forces that would harn up the earth. The great hell of luminous opolescence, and the diminishing ocean! Thurn was but one answer. Through the imagi-

we are giving

notive coming of Robold and Hovek, fate had work, ad up to the recount. The led and the burning the earth! He had lost many hours; he had but a glass had grown to Archimedea. The plane neered the Mountain of Rebold. The

great hald supposed and the four engrosses whose of country. At least we so second. We keen Winterly word and that of the aviator that they were of the appearance of glass. Perhaps they were vot: but we can assume it for description. So engracus that more they get men a view they would have overtorned the highest building ever constructed: though on the height of the recretain, and in its

contrast, they were not much more than solf bulls. It was not their size but their effect that was startling. They were alive. At least that is what we have from Winters. Living, luminous, burning, tweeting within with a thousand blending, irideseast. heautiful colors. Not like electricity but acceptions infinitely more powerful. Great mreterious magnets that House had charged out of chace. Glowing

with the softest light; the whole mountain brightaxed as in a dream, and the town of Robold at its hose lit up with a beauty that was past beholding. It was now to Winters. The great buildings and the enermous mechinery. Engines of strangest petterm, driven by forces that the rest of the world bud not thought of . Not a sound: the whole works a complicated many covering a hundred acres, drivthe with a vilence that was marie. Not a white parfriction. Like a living composite body pulsing and breathing the strange and mysterious force that had here employed from Brough's theory of bineties. The

four event steel conduits running from the planes down the side of the mountain. In the centur, at a noint midway between the clobes, a massive steel readle hung on a rivel and minted directly at the Winters and the aviator noted it and wondered. From the lower end of the needle was pouring a leminous stream of pale-blue oralescence, a stream

much like a liquid, and of an unhely radiance. But it was not a liquid, por fire, nor anything seen by It was force. We have no better description than the ant phrase of Winters. Charley Hurric was willeten the our as it dropped from the and of

the four living streams to the four globes that took it into storage. The four great, wonderful living sloben; the four butterien; the very sight of their investment beauty and rower was marnetle The genius of Hayek and Robald! Nebudy but the wildest dearners would have experied it. The

life of the sun. And carrive to mon; at his will and volition. And in the next few minutes we were to less it all! But in losing it we were to save ourselves. It was fate and nathing elac.

There was but one thing more upon the mountain-the observatory and another needle spnareathy tille; but with a neight week tiles a giggette phonograph needle. It rose square out of the observatory, and to Winters it gave an impression of It was be who insisted, nev, benzed, that his coma strange can, or some implement for sighting,

That was all. Coming with the greed that they were making, the sirmen had no time for further investigation. But even this is commeleculus. Minus the force. If we only know more shoul that or even its theory we might perhaps reconstruct the

They made the landing. Winters, with his nature, would be in at the finish; but Churley would not have it. "It is death. Boh." he said. "You have a wife.

the speed you can get out of your motors. Get as far away as you can before the end comes." With that he hade them a sad forewell. It was

the last spolen word that the outside world had from Charley Huyck The last soon of him he was running up the steps of his office. As they seared sway and leoked back they could see men, the employees, searrying about

in frantis baste to their respective posts and stations. What was it all about? Little did the two aviatora know. Little did they dream that it was the deciding stroke.

CHAPTER IX.

THE NOST TRESIFIC MOMENT IN HISTORY Still the great hall of Onelescence broading over the Saresson Perron new was frozen and through it was midsummer and gone into winter quarters. The Straits of Dover were no more. The watern had receded and one apply wells if exceptly dryshed from the shores of France to the shalk sliffs

of England. The Straits of Gibraltar had dried up. The Mediterranean completely land-locked, was cut off freezer from the tides of the mother ocean. The whole world going dry; not in ethics, but in reality. The great Vemrire, luminous, beautiful beyond all ken and thinking, drinking up our lifeblood. The Atlantic a vest whirlpool.

A strange frensy had follos over mankind: men fought in the streets and died in madness. It was fear of the Great Unknown, and hysteria. At such a moment the veil of civilization was turn to tatters. Man was reverting to the primeyal

Then caree the word from Charley Hurck; fashing and repeating to every clime and nation. In its assurance it was almost as miraculous as the Vextpire itself. For man bod surrendered.

TO THE PROPER OF THE WORLD The strange and terrible Opalescence which, for the pest seventy bours, has been playing have with the world, is not miracle, nor of the supernatural, but a mere manifestation and result of the application of celestial kinetics. Such a thing always was and always will be possible where there is intellipeace to control and harness the forces that He

about us. Space is not opace exactly, but an infinite cistern of unknown laws and forces. We may control certain laws on earth, but until we reach out farther we are but playthings Man is the intelligence of the earth. The time will come when he must be the intelligence of a erest Acal of space as well. At the present time you are merely fortunate and a victim of a kind fate.

That I am the instrument of the carth's saluntion in mersly chance. The real man is Dr. Robold. When he nicked me up on the streets I had no idea that the sequence of time would drift to this moment He took me into his work and taurbt me

Recause he was resultive and was laughed at, we worked in secret. And since his death, and out of respect to his memory, I have continued in the same the laws, computations, formulas - everything; and Robolt had a theory on kineties. It was strange at first and a thing to laugh at; but he reduced it to laws as potent and as inexpendle as the laws of gravitation. The luminous Opsiescence that has almost destroyed us in but one of its minor manifestations. It is a mesoage of sinister intelligence; for back of it all is an Intelligence. Yet it is not all sinister.

I am now willing it to markind

It is self-preservation. The time is coming when eens of area from new our own man will be forced to congley just such a warmen for his own recogress. tion. Either that or we shall die of thirst and RECTO Let me ask you to remember now, that whatever

you have suffered, you have saved a world. I shall now save you and the certh In the vanits you will find everything. All the knowledge and discoveries of the creat Dr. Robold.

plus a few minor findings by myself. And now I bid you forewell. You shall soon be CHARLEY HUYCK

A strange message. Spoken over the wireless and flashed to every clime, it roused and revived the hope of mankind. Who was this Charler Havek? Uncounted millions of men had never heard his name; there were but few, very few who had, A message out of nowhere and of very debiens and doubtful explanation. Colectial kinetical Updoubtedly. But the words exclained nothing. How-

ever, man was ready to accept anything, so long as it saved him. For a more tacid explanation we must go back to the Arisons cheerentery and Professor Ed. Williams. And a stratge one it was trely; a certain proof that constitueness in more petent, for more so than mere material; also that many laws of our satron-

Charley Hurck was right. You cannot measure intelligence with a yard-stick. Mathematics do not Be; but when applied to consciousness they are very likely to kink harkward. That is presidely what had

The suddenness of Harok's departure had nonand Professor Williams; that, and the note which he found upon the table. It was not like Charley to so off so in the stress of a moment. He had not

even taken the time to get his hat and coat. Surely something was aming. He read the note repetuity, and with a deal of

"Lock these up. Keep by the lene. If the world goes up you will know I have not reached the moun-What did he mean? Besides, there was no data

for him to work on. He did not know that an errant becese had giumped the information behind the hookesse. Nevertheless he went into the observatory, and for the balance of the night stack by the

Now there are executed millions of stars in the stry Officers had wething to on hy. A needle in the hav-stack were so easy task compared with the one that he was allotted. The flaming mystery,

sebatorer it was that Horak had seen was vot fact on its fore proclaims it. The course have dried seconds for the explaners. Still be conducted till the world nees up you will know I have not reached

the world goes up you will know I have no But he was not worried. The professor loved delightful francies. Doubtless this was one of them. It was not until the news came dashing out of Onkland that he began to take it seriously. Then follearned the disconnectange of Mount Hookly. "If the world wors un"-it been to look as if the words

There was a frantle professor during the next feer days. When he was not with the lone he was flashing out messages to the world for Charley Hovek. He did not know that Hurst was bring unconsister and almost dead man the desert. That the world was coming to saturtronbe he knew full

well; but where was the man to save it? And must of all, what had his friend meant by the words. "look these up"?

Surely there must be some further information. Through the long, long hours he stayed with the lens and waited. And he found nething. It was three days. Who will ever forms them?

Surely not Professor Williams. He was sweeting black. The whole world was prope to places withcut the trace of an explanation. All the reathernsties off the necumulations of the ares had availed for nothing. Charley Hurck held the secret. It was in the stars, and not an autroperner could find it

But with the seventeenth bour came the turn of feetone. The professor was passing through the office. The door was open, and the same fitful wind which had played the original prunk was now just as fitfully performing restitution. Williams noticed beckense and finiteeing in the breeze. He picked it un. The first words that he saw were in the hand-

writing of Charley Hoyek. He road: "In the last extremity-in the last phase when there is no longer any water on the earth; when even the oxygen of the atmospheric exwelope has here reduced to a minimum-man, or whotever form of intelligence is then upon the earth, must on back to the laws which governed his forebears. Necessity must ever be the law of evolution. There

will be no water upon the earth, but there will be an uslimited quantity eleowhere "By that time, for instance, the great pleast, Junitar, will be in just a correctient state for exploitation. Cancous now, it will be, by that time, in Sust

about the stage when the steam and water are confessing true costs. Eons of millions of years away in the days of dire necessity. By that time the intelligence and consolonsness of the earth will

here grown equal to the task. "It is a thirg to laugh at (perhaps) just at present. But when we consider the ratio of man's advance in the last hundred years, what will it be in a bil-

Eas? Not all the laws of the universe have been discovered, by any means. At present we know nothing. Who can tell'i "Ave, who can tell? Perhaps we ourselves have in

store the fate we would mete out to another. We bave a very dangerous neighbor close beside us. Mare is in dire straits for water. And we know there is life on Mars and intelligence! The very

evolution. In the nature of things Mers couled off suitkly, and life was resultly there while the earth was yet a puseous mans. She has gone to her maturity and lylo her retrogression; she is approach. ing her end. She has had less time to preduce intelligence than intelligence will have in the endsmen the earth "How for has this letelligence progressed? That is the question. Nature is a sless morely of took eces of ages to put life upon the earth; it took over

one the only may they have of heldless life is her

browing their water from the neigr muscease.

erative intelligence: there is life upon Mars and in

"But how for advanced? It is a small clonet, and

econogently cons of ages in advance of the sarely

of more ages to make this life conscious. How far will it go? How far has it rone on Mara?" That was as far the the comments went. The professor drouped his even to the rest of the paper It was a map of the face of Mars, and arrows its

center was a black cross serutated by the dail maint of a soft neverl. He knew the face of Mars. It was the Assessed Lucus. The oasis at the juncture of a series of eantle running much like the crakes of a wheel The great Uranian and Abader Capals coming in at

about right angles. In two jumps the professor was in the observatory with the great lens swung to focus. It was the great moment out of his lifetime, and the almagest and must saver moment, perhana ever

lived by any astronomer. His finance falsic tuitels ed with tension. There before his view was the full face of our Martina neighbor! But was it? He caused out a breath of startled exchanation. Was it Mars that he gused at; the

whole face, the whole thing had been changed be-Mara has ever been red. Viewed through the telescope it has had the most beautiful tiere imag-

inable, rad others, the weird times of the desert in smeet. The other of exchantment and of hell! For it is so. We know that for ages and ages. the planet has been burning up; that life was possible only in the dry sea-betterns and under trying-

tion. The rest, where the continuous once were, was blusting desert. The redness, the beauty, the on-All this had channel. Instead of this was a benetiful shade of tridescent

green. The red was gone forever. The great planet standing in the heavens had grown into todaits plany. Like the event Day Stay transplantal. The professor cought out the Augreeus Lucius. It

was hard to find. The whole face had been trans-Secred: where had been canals was new the begettiful sheen of green and verbare. He realized what he was beholding and what he had pever droumed

of seeing; the reas of Mars filled up. With the stelen oceans may evire neighbor had ecene back to youth. But how had it been done. It was herror for our world. The great luminescent ball of Opalesocnes! Europe from and New York. a mass of ice. It was the earth's destruction, How long could the thing keep up; and whence did it come? What was it? He sought for the Ascress Locus. And he beheld a strange sight. At the very spot where should have been the juncture of the canals he esught what at first looked like a pin-point flame, a strange twinkling light with flitting glow of Onslesomee, He watched it, and he wondered. It seemed to the professor to grow; and he noticed that the green about it was of different color. It was winking, like a great force, and much as if alive; baneful. It was what Charley Huyck had seen. The professer thought of Churley. He had hurried to the mountain. What sould Huyck, a mere man, do

against a thing like this? There was naught to do but sit and watch it drink of our life, blood. And then-It was the measure, the strongs assurance that Hurck was firshing over the world. There was no look of confidence in the words he was speaking. "Celestial Kinetics," so that was the answer! Certalely it must be so with the truth before him. Williams was a doubter no longer. And Charley Hurck could save them. The man be had humored. Ragonly he waited and stack by the lens. The whole world waited

It was perhaps the most terrific moment since erestion. To describe it would be like describing decensisy. We all of us went through it, and we all of us thought the end had some; that the earth wee from to storm and to thron. The State of Colorado was lorid with a red light of terror; for a thousand miles the fiame shot above the earth and into space. If ever apirit went out in glory that sairit was Charley Huyck! He had come

to the moment and to Archimedes. The whole world recked to the recoil. Compared to it the mightiest earthquake was but a tender shiver. The consciousness of the earth had spoken!

The renferror was knocked upon the floor. He

knew not what had bennessed. Out of the windows and to the north the fame of Colorado, like the whole world coins un. It was the last moment. Bed he was a rejentled to the end. He had remired his sakle and his face was bleeding; but for all that

he saw The great planet with its sinister, haleful, wirked light in the center, and another light vastly larger covering up half of Mars. What was it? It was moving. The truth set him almost to shouting It was the answer of Charley Huyek and of the

world. The light grew smaller, smaller, and alread to a nin-point on its way to Mars. The real elimax was in silence. And of all the world only Professor Williams behald it. The two lights coalesced and surend out; what it was to

But in a few moments all was gone. Only the ereen of the Mastira Sea winked in the smalleht.

The luminous coal was gone from the Sargasso. The It was a terrible three days. Had it not been for the work of Robold and Huyck life would have been destroyed. The rolly of it that all of their discoueries have rope with them. Not even Charley realived how terrife the force he was short to loosen.

He had excefully locked everything in vaults for a safe delivery to man. He had expected death, but not the estaclysse. The whole of Mount Robold was shorn away; in its place we have a lake fifty miles So much for extential kinetics. And we look to a green and beautiful Mars. We

hold no enmity. It was but the law of self-preservation. Let us hope they have enough water; and that their sees will hold. We don't blame them, and we don't blame ourselves, either for that matter. We need what we have and we have to keep it. (Ture Eva)

The Thing from "Outside" By GEORGE ALLEN ENGLAND (Concluded)

THE EXP

at all events, was solid. He could held to that; he could climb back, with that, to the real world again Jandron climbed back, came back. Time healed him, so it bealed the girl. After a long, long while,

they had speech together. Cautiously he sounded her wells of memory. He saw that she recalled nothing. So be told her white lies about expained

ranids-of all the party except herself and him. Vivian helfeved. Fate Jandren knew, was help; very kind to both of them. But Vivian could never understand in the least why her husband not very lone after marriage.

Wast Mayr was dead and the cirl alive-that much. solved her not to wear a wedding-ring or any ring

"Men are so queer!" covers a multitude of psychic narcules Life, for Jandron-Rife, softened by Vivian-knit itself up into some reasonable semblanes of a normal nattern. But when, at lengthening intervals. the sitme of cosmic mysteries that it is madness to averoach or when at certein times Jandron seen a ring of any sort, his heart chills with a cold that

resks of the horrors of Infinity. And from shodows post the boundaries of our universe seem to becken Things that, God grant, can never till the end of time be known on earth.



"For God's sales - quick! - put me to sleep-up, quick! - wakes nech-quick! - d say to you that I am doub!"

THE FACTS IN THE CASE OF M. VALDEMAR

telling as his views about the higher philosophy

end the future world. Messurerus in mother of Poe's stories, "Messurie Ecvisions" is made an aprecable

setting for some of his abbander, which he is willing

continuous accessions of the various can be continuous accession of the various of the various continuous can be continuous accession of the various deficient and various deficient accession of the various can be concerned, to keep the stillier from the public, at least for the present, or until we had farcher opportunity of the various continuous continuous can be continuous contin

corrusts I shall not restend to some

the control of the co

naturally, of a great deal of dashelet.

It is now rendered accessary that I give the foots—as far as I comprehend them myadé. They are, succinctly, these:

My attention, for the less three years, had been recentedly drawn to the subject of Mesmertenn and

about nine months ago, it occurred to ma, quite maiddenly, that in the series of organizates made hitherto, three had been a very remarkeble sed most moaccountable ornication in person had as yet been measurabed in articulo secrits. It remained to be seen, first, whether, is such condition, there existed in the patient any susceptibility to the magnetic influences, associatorly, whether, if any actival, it was

impaired or increased by the conflitten; thirthy, to what extent, or for how iong a period, the encrossiments of Death might be arreated by the process. There were other points to be assertained, but these most excited my curiosity—the last in especial, from

most secrete my currently—the last in especial, from
the immessly important character of its consequence.
In looking around me for some subject by whose
means I might test those particulars, i was brought
to think of my friend, M. Ernest Valdamar, the
well-house recording of the "Riblighten Puressies".

and author tunder the most de phone of Issachus Mary) of the Polish versione of Wellemstein' and "Geographia." M. Veldemar, who has residud principally at Harlem, N. Y., since the year 1830, its (or was) particularly noticealts for the externs in the principal of the externs of the strength of the str

tionable for the extreme spaceases of his personhis lower imbs much resembling those of John Randelph; and, also, for the whiteness of his whisters, in violent con-

All military in the Section 2 in a secondary of filters a travelle or first to the hardeness of the hardenes

other results which his possible constraints had assuming bed me to anticipate it. Bit will may as no period positively, or thoroughly, under my contret, and he reguest to desirvespeer, I seak tocomplish with him nathing to be relied upon. I always attributed my fallure at these points to the discordered state of his health. For some months provises to my becoming sequinfied with firmed publish. It was his curtom, lasted, to seek allily of his serven-kind dissolution, as

curred to me, it was of course very natural that I about thind of M. Valdenza. I know the stoody about thind of M. Valdenza is know the stoody course of the stoody of the stoody of the stood of the stoody of the

of a matter neither to be avoided nor regretted.

When the ideas to which I have alluded first co-

me shout twenty-four bours before the puriod annumed by his physicians as that of his docese. It is now rather more than seven menths since I received, from Valdemar himself, the subjoined note:

nearly. "Addenses."

I received this note within half as hour after it was written, and in affiren minutes more I was in the dying main chamber. I had not seen him for ten duys, and was appailed by the fearful alteration which he braid minutes like wrought in hom. His cause of the contract of the cont

some subject by whose less; and the crondition was no activant, that the initiative, i was brought skich hild shee briekes through by the chebel-loom. Ernest Volkstrag, the like appetention was antesiere. The pulse was the contract of "Williamsteir and and a cortain degree of physical strength. He you've be as residied you'ver, terrary-less, took same pulsifier sendification of "Williamsteir" and make a cortain degree of physical strength. He you've be as residied you with distinction, took same pulsed and the contraction of the contractio

rupted in penciting memorands in a pocketbook. He was propped up in the bed by pillows. Doctors Dand Framer were in attendance.

After pressing Validmar's hand, I took these gantiemen saids, and obtained from them a minute account of the patient's condition. The left

bung had been for eightern mouths in a semi cosecus or cartillations state, and was, of course, entirely useless for all purposes of vibility. The right, in the control of the control of the control of the thoroughly, costfield, while the lower region was merely a mass of particular tuberoles, ruraning cosinto auticles. Some all censive perforations existing to the control of the control of the control of the load taken pions. These appearances in the right label were of conspiratively recent date. The sufficient ton had preceded with very unusual rapidity; no sign of it had been allowed as control before, and

three previous days. Independently of the pathinis, the nations was surported of ansurism of the meth-

At five minutes before eleven, I perceived unbut on this point the assess symptoms rendered an exact diagrapsis irrequible. It was the entries of actioned siens of the manueric influence both physicians that M. Valdeenar would doe about

midnight on the morrow (Sunday). It was then saven o'clock on Saturday evening. On quitting the invalid's bedside to held conversation with muself. Doctors Deep and Phad hidden him a final farewell. It had not been their intention to return; but at my reconst, they served to look in orres the nations about ten the pest night. When they had pope, I smoke freely with M

Valdemar on the subject of his approaching dissolution, as well as, more particularly, of the experiment recessed. He still professed birmelf quite willing and even anxious to have it made, and urged me to commence it at once. A male and a ferrale nurse were in attendance; but I did not feel myself altogether at liberty to engage in a task of this character with no more reliable witnesses then these people, in tase of sudden secident, might prove. I therefore postpoped cognitions until about sight the next night, when the arrival of a medical

student with whom I had some acquaintance (Mr. Theodore L-1), relieved me from further emwalt for the physicians; but I was induced to procond. first, by the urgent entreaties of M. Valdemar, and secondly, by my conviction that I had not

a moment to lose, as he was evidently steking fast. Mr. I was so kind as to accode to my desire that he would take notes of all that occurred; and it is from his memorands that what I now have to relate is, for the most part, either condensed or

copied perbation. It wanted about five minutes of eight when, taking the patient's bund, I begged him to state, as distinctly as he could, to Mr. L .- I, whether he (M. Valdersor) was entirely willing that I should

make the experiment of measurerising him to his then condition He replied feebly, yet quite audibly, "Yee, I wish to be mesmerised "-adding immediately afterward, "I feer you have deferred it too long,"

While he spoke thus, I commenced the passe which I had sirendy found most effectual in subduing him. He was exidently influenced with the first lateral stroke of my hand screes his forehead; but although I exerted all my powers, no further perceptible effect was induced until some minutes after ten o'clock when Doctors D- and Fcelled, according to appointment. I explained to there, in a few words, what I designed, and as they ormosed so objection, saying that the patient was

already in the death agony, I proceeded without hesitation—conhanging, however, the lateral passes for downward once, and directing my case entirely into the right eye of the sufferer. By this time his pulse was imperceptible and his breathing was stertorous, and at intervals of half

This condition was nearly mailtered for a quarter of an heur. At the expiration of this period, howover a netural although a very does sich caraned the hossen of the dying man, and the stertorous beautifue coased—that is to say, its steriorouspess was no longer apparent; the intervals were undiminished. The patient's extremities were of an

iew coldness.

which it is quite impossible to mostake. With a few ranid leteral passes I made the life quiver, as in incipient sleep, and with a few more I closed them altogether. I was not satisfed, however, with with the fullest exertion of the will until I had completely stiffered the limbs of the salarnierer. after placing them in a securingly easy position. The legs were at full length; the arms were nearly so, and reposed on the bod at a moderate distance from the kins. The head was very slightly elevated.

glassy roll of the eye was changed for that sa-

pression of unnasy engaged examination which is

night, and I respected the synthesis present to exemina M. Valdemar's condition. After a few axperiments, they admitted him to be in an unusually perfect state of measurable transe. The carlosity of both the physicians was greatly excited. Dr. D .-resolved at once to remain with the patient all night, while Dr. F-- took leave with a promise to return at daybreak. Mr. L-I and the nurses remained.

We left M. Veldereer entirely mediatorhad until about three o'clock in the morning, when I approached him and found him to precisely the same condition as when Dr. F--- went away-that is to say, he lay in the same position; the rules was imperceptible; the breathing was gentle (searcely noticeable, unless through the application of a mirror to the line) : the even were closed naturally : and the limbs were as rigid and as cold as marble. Still, the general appearance was certainly not that

At I approached M. Valdenar I made a kind of half effort to influence his right arm into pursuit of try own, as I passed the latter gently to and fro above his person. In such experiments with this nationt. I had never perfectly succeeded before, and namedly I had little thought of encountries now; but to my astonishmot, his arm very readily, although feebly, followed every direction I assigned it with mins. I determined to becard a few words

of conversation "M. Valdemar." I said, "are you asleen?" He made no answer, but I perceived a tremor about the line, and was thus induced to remost the ouestion, again and again. At its third repetition, bis whole frame was agitated by a very slight shivering: the eveleds unclosed themselves so far as to display a white line of a ball; the lips reoved alur-

gishly, and from between them, in a barely sudfale "Yes; -asleep now. Do not wake me!-let me die sp!"

I here felt the limbs and found them as moid as ever. The right arm, as hefore, obeyed the direction of my band. I questioned the elect-welcor

"Do you still feel pain in the breast, M. Valde-

The answer now was immediate, but even less apdible then before "No rein-I am dving." I did not think it advisable to disturb him further inst then, and nothing more was said or doze until

surrise, and expressed unbounded astonishment at finding the rationt at ill allow After feeling the under and emphasis a selector to the line he was quested me to speak to the slemouther again. I did so, saying:

M. Valderner, do you still sleep?" As before come mirates element ere a realy was made: and during the interval the dying man

reemed to be sellecting his energies to eneal. At my fourth regetition of the question, he said very faintly, almost insudibly: "Year still esteen-dring." It was now the opinion, or rather the wish, of the physicians, that M. Valdemer should be suffered

the arrival of Dr. P-, who come a little before

to remain medicturbed in his present apparently tranguil condition, until death should supersupeand this, it was generally agreed, must now take alone within a few rejunter. I constuded however. to speak to him once more, and merely repeated my

While I sucke, there came a marked chance over the counterance of the sleep-waker. The ever valled themselves slowly open, the nuntly disappearing unwords: the skin parerally assumed a calayaman tue, resembling not so much parchment as white namer: and the circular beetle grots which, hitherto. had been stranger defined in the region of each check, avest out at ours. I use this expression, bein mind of nothing so much as the extinguishment of a cardie by a paff of the breath. The urner iln. at the same time, writhed Itself away from the tests which it had previously covered completely; while the lower taw fell with on audible teck, leavon the month widely extended and displaying in full view the swellen and blackened tengue. I presures that no member of the narty then present had been unacceptomed to death-bed horrors; but so hidrens beyond conception was the amearance of

M. Valdemer of this recovered, that there was a neweral shrinking back from the region of the hed. I now feel that I have reached a reject of this parentive at which every reader will be startled into positive dishelped. It is my business, however, There was no longer the faintest eign of vitality

in M. Valdemor; and constading him to be dead, wawere consisting him to the charge of the nurses. when a strong vibratory motion was observable in the tonesse. This continued for perhaps a minute. At the emiration of this period, there issued from it would be madeens in me to attempt describing. There are, indeed, two or three egithets which might be considered as applicable to it in part; I might say, for example, that the sound was barab, and broken, and bollow; but the hideous whole is indescribable, for the simple reason that no similar aconde have over introd prove the ser of homestire There were two particulars, nevertheless, which I thought then, and still think, might fairly be stated as characteristic of the intensition-as well adopted to convey some idea of its unearthly reculiarity. In the first place, the voice seemed to reach our serp-at least mine-from a vast distance, or from some deep covers within the earth. In the second

place it impressed me (I fear, indeed, that it will be impossible to make myself comprehended) as

I have spoke both of "sound" and of "mine" I more to our that the sound was one of distinct of even wonderfully, theliftingly distinct-wellshiftention M Valdemen encha-phylometr to the ossetion I had propounded to him a few minutes before. I had asked him it will be remembered if he still about. He now said: "Yes:-no:-I have been electing-and now-need I was dead to

No person present even affected to deay, or at-

terroted to repress, the unutterable, shuddering heaven which these few words, thus offered, were so well calculated to conver. Mr. L---- (the stadent) exponed. The current immediately but the chamber, and reald not be induced to return. My own impressions I would not pretend to render intelligible to the reader. For nearly an hour we busied paruchyes, ellently-without the atterence of a word-in endravors to resine Mr. I When be came to himself we addressed ourselves again to an investigation of M. Velderner's condition. It remained to all varagets as I have at less described it, with the exception that the mirror no

brers afforded evidence of respiration, terest to draw blood from the arm failed. I should mention, too, that this limb was no further subject to rev will. I are terrored in wale to make it fallow the direction of my hand. The only real indication. the direction or my name. The only Year residence, indeed of the measure induses, was your found to the vibratory movement of the tongue, wherever I addressed M. Valdemar a question. He seamed to be making an effort to reply, but had no longer oufficient volition. To ourree put to him by any other nerron than myself be seemed oftenly insensible... sithcark I endeavoced to place each member of the company in measured camport with him. I believe that I have now related all that is necessary to an understanding of the alon-waker's state at this spool. Other nurses were precured; and at ten c'chek I left the house in company with the two physicians and Mr. L----

In the afternoon we all called again to see the patient. His condition remained precisely the same. We had now some discussion as to the propriety and fessibility of awakening him; but we had little difficulty in agrecing that no gred purpose would be served by so doing. It was avident that, so far, death (or what is usually termed death) had been arrested by the maxmerle process. It seemed clear to me all that to awaken M. Valdemar would be werely to insure his instant, or at least his

ensady dissolution From this period until the close of last weekon interval of nearly seven months-we continued to make delly ealls at M. Valdemar's house seconnamied, new and then, by medical and other friends.

All this time the sleep-waker remained expetty as I have at last described him. The sureas' attentions were continual It was on Friday last that we finally resolved to

make the experiment of awakening, or attempting to awaken him; and it is the (perhaps) anfortunate result of this latter experiment which has given rise to so much discussion in private circles—to so much of what I cannot help thinking unwarranted popular

For the purpose of relieving M. Valdomar from

AMAZING STORIES

the measure is transe. I made use of the customary names. These for a time were reprocessful. The first indication of revival was afforded by a partial descent of the less. It was observed, as expecially remarkable that this lowering of the receil was accommend by the profuse out-dewing of a velhowish lebor (from honesth the life) of a remount

and highly offereive oder. It was now supported that I should attempt to influence the religious arm as heretofore. I made

the attempt and felled. Dr. F -- then fathered a degree to have me not a question. I did so an "M. Valdemar, can you explain to us what are

your feelings or wishes now?" There was on instant return of the bectic circles on the checker the Longue respond, or wither relief violently in the mouth (although the fews and lips remained Find as before); and at length the same

forth "For Gad's saket count to count to to shew-or, muck!-waken me!-mick!-/ say to

preparation is a manageable convenience, but its

moneticability is certainly demonstrated beyond all

I was thereughly unnerved, and for an estant remained undesided what to do. At test I made truced my stern and an cornectly structed to auction him. In this afternot I seem my that I should be successful-or at levet I seen funded that my specess would be complete, and I on one that

you that I am dead?"

For what really occurred, however, it is quite proposible that any human being could have been

As I rankfly wade the weamous name sould ejnoulations of "dead! dead?" absolutely jurythus from the tourne and not from the line of the sufferer, his wistle frame at once-within the space of a single minute, or even less, shrouk-courted -absolutely ratted away broath my book. Then the hed, before that whole commany, there lay a pearly liquid must of leathermemof detectable

The New Accelerator By H. G. WELLS (Concluded)

Since that adventure he has been steadily bringing its use under control, and I knye several times and without the alightest bad result, taken measured does under his direction; though I must confess I have not yet ventured alread again while under its influence. I may mention, for example, that this steey has been written at one sitting and without interruption, except for the mithling of some chocolate, by its mears. I began at \$125, and me watch is now very nearly at the stirute past the half-hour. The conscrience of security a long, you interrupted spell of week in the midst of a day full of engagements cornet be experiented. Gibberre in now working at the quantitative handling of has preparation, with same of veforesce to its distincrise effects over different types of constitution. He thus horses to find a Retarder with which to dilute its present rather excessive potency. The Betarder will, of course, have an effect the reverse of the Accelerator's: word alone it should enable the patient to spread a few seconds over recey bours netice, a gineler-like absence of alactity, amidst the most animated or britisting sucroundings. The two things together must necessarily work an entire revelotion in civilized existence. It is the beginning of our steams from that Time Cornect of which us to concentrate ourselves with tremendous inspet. man any moment or occasion that demands our utmost sense and vigor, the Retarder will easile us to ness in passive transmitty through infule hard. abin and todition. Purham I sen a little cettedatte about the Retarder, which has indeed still to be discovered, but about the Accelerator there is no reachie nort of doubt whatever, Its smearness upon the market in a convenient, centralishie and assimulable form is a matter of the next few months. It will be obtainable of all chemists and drossists. in small green bottles, at a high but, canadering its extraordinary qualities, by no recars espearing price. Gibberra's Nervous Accelerator it will be called, and he hopes to be able to supply it is three strengths; one in 200, one in 100, and one to 2,000. distinguished by yellow, pink, and white blets re-

No doubt its one condern a great number of very extraorditory things possible; for, of corne, the ment remarkable and namibly, even grissial precoolings may be effected with impurity by thus dodgley, as it were, into the interstices of time. We have, however, discussed this aspect of the casesis purely a matter of medical invigoratence and altorether outside our province. We shall marriefacture and sell the Accelerator, and as for the enneggenees-we shall see. Cartyle speaks. While this Accelerator will enable

DR. HACKENSAWS SECRETS 1905E who read the femous Dr. Machineson's Scorrie in SCIENCE, AND INVENTION magnition, may be determined to bee that we have up bond a great many of Dr. Hacksmann's magnitude which have saver have packeted hitherin. that we have us been a great many or us, resuscence management of the second state of the second from our souther as to just have not great part of the second from our souther as to just have not of them. m's you please write the editor a few lines, stating your feelings in this matter?—EDSTOR.

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